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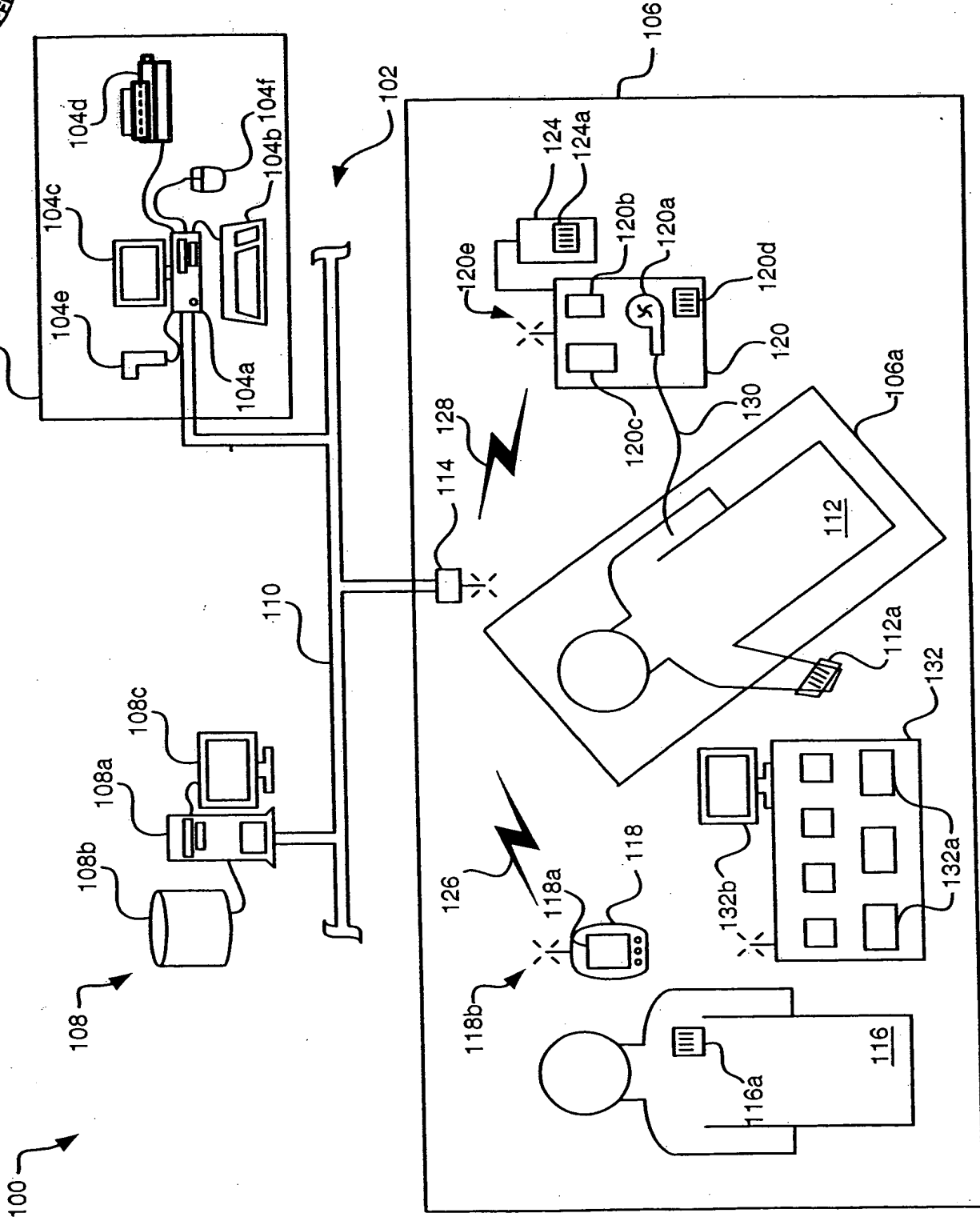
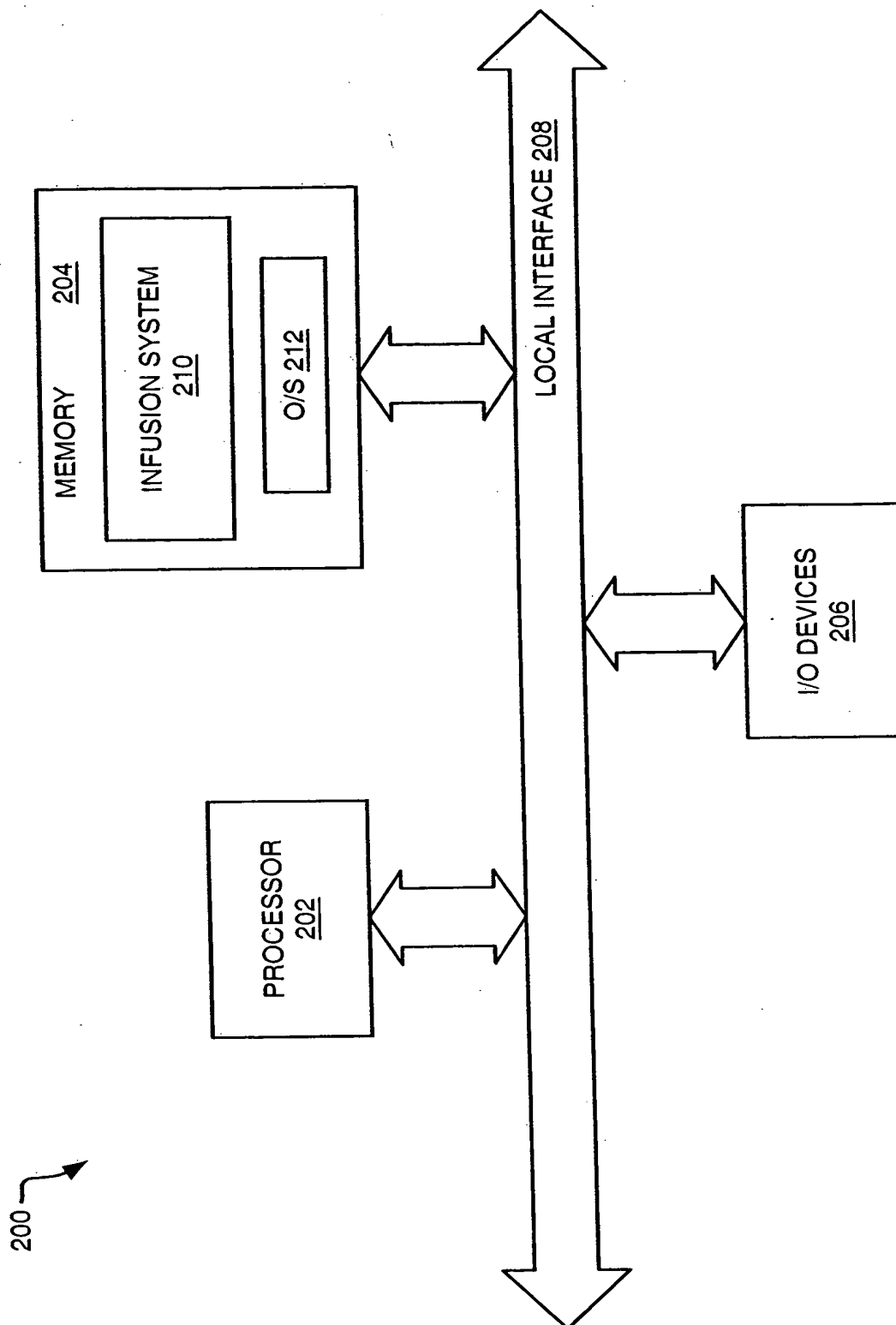


FIG. 2



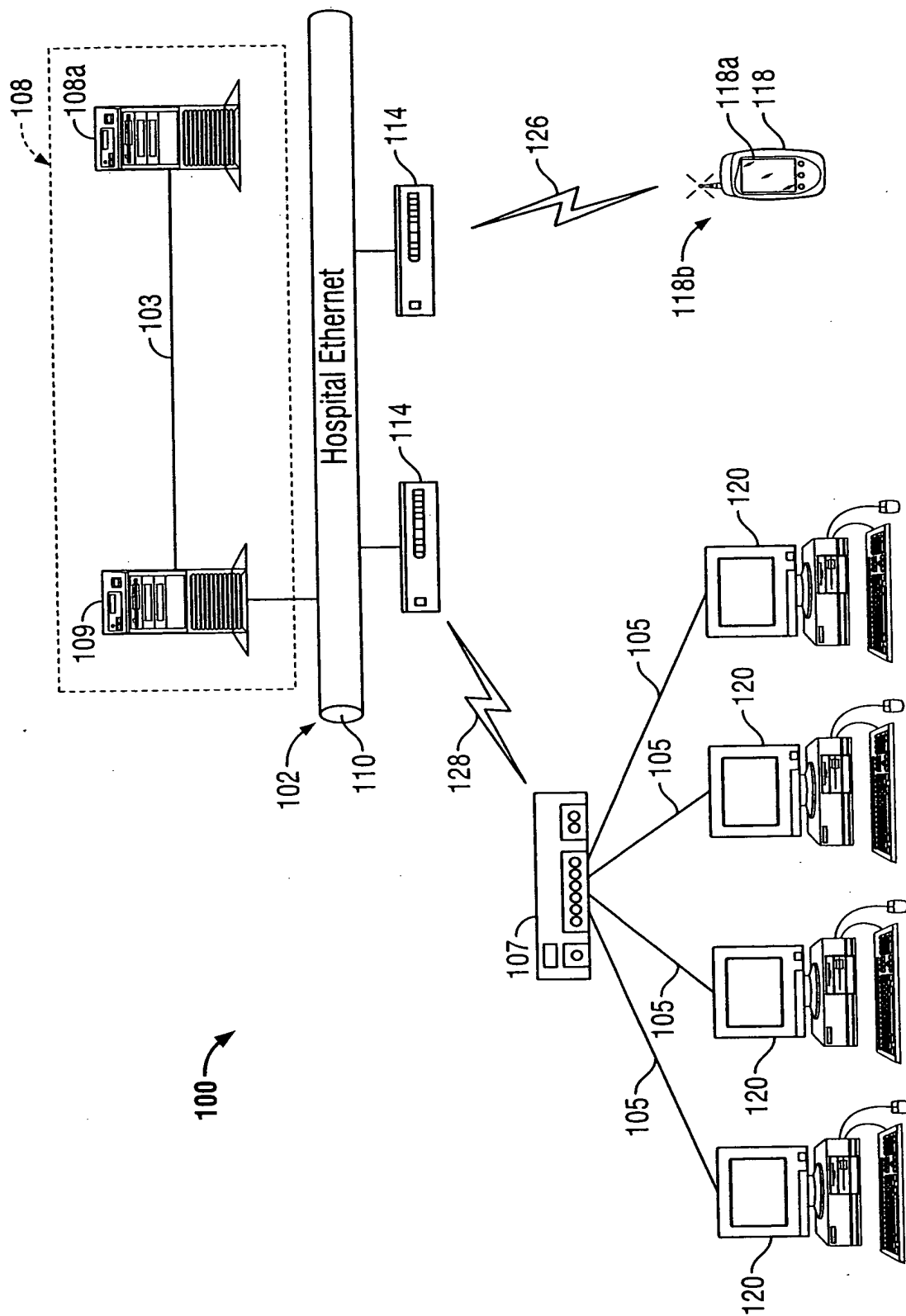


FIG. 3

FIG. 4

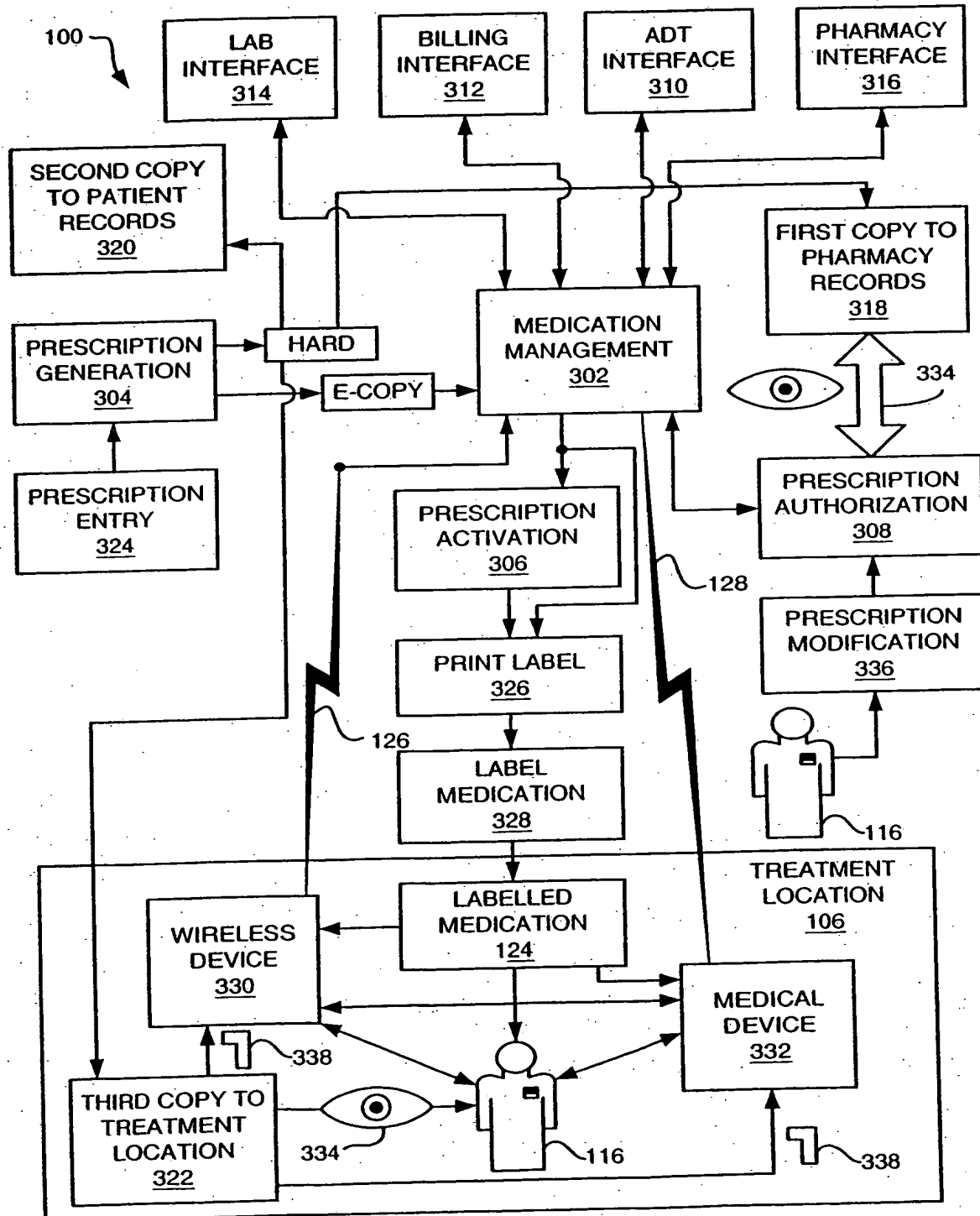


FIG. 5

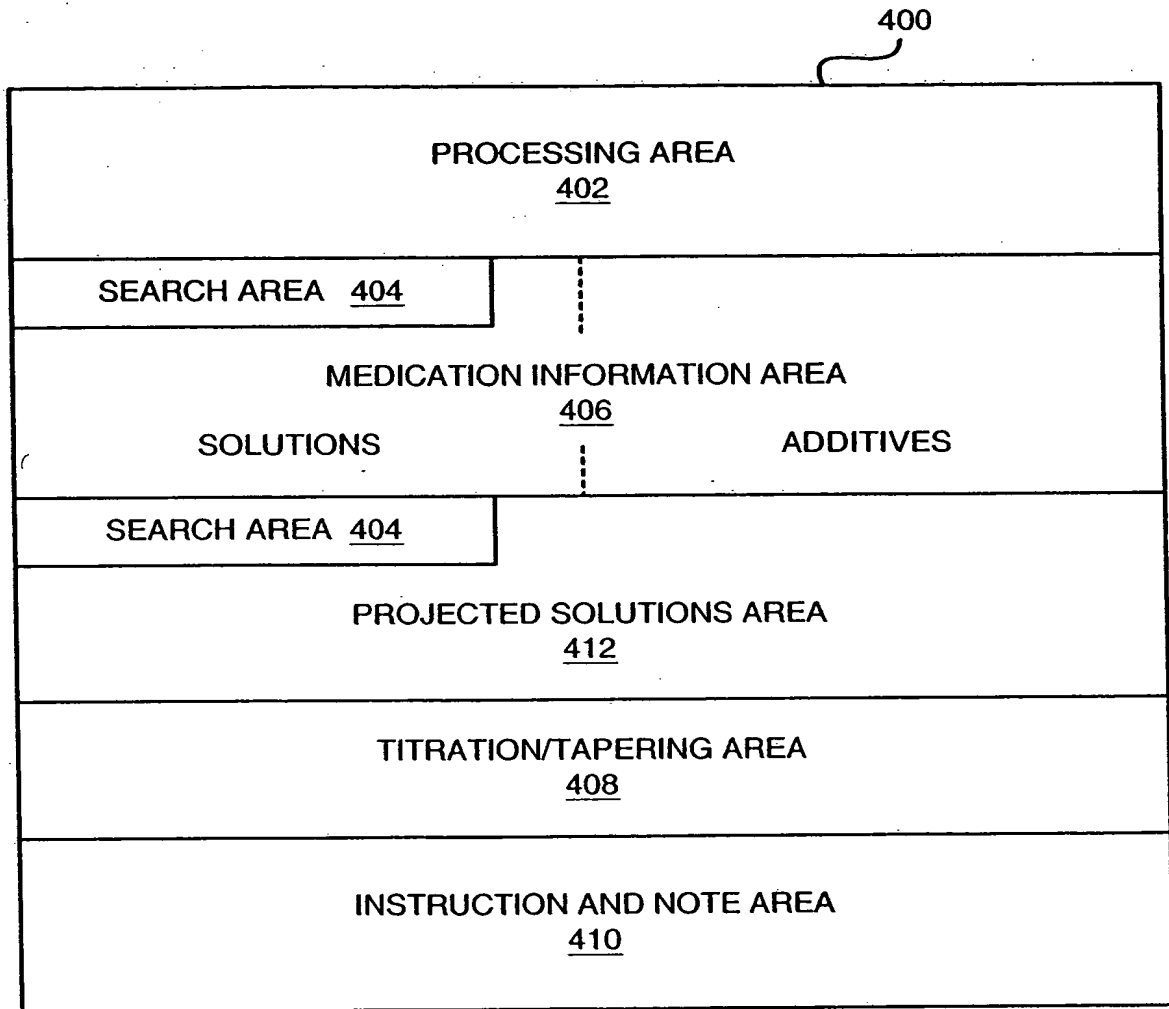


FIG. 7

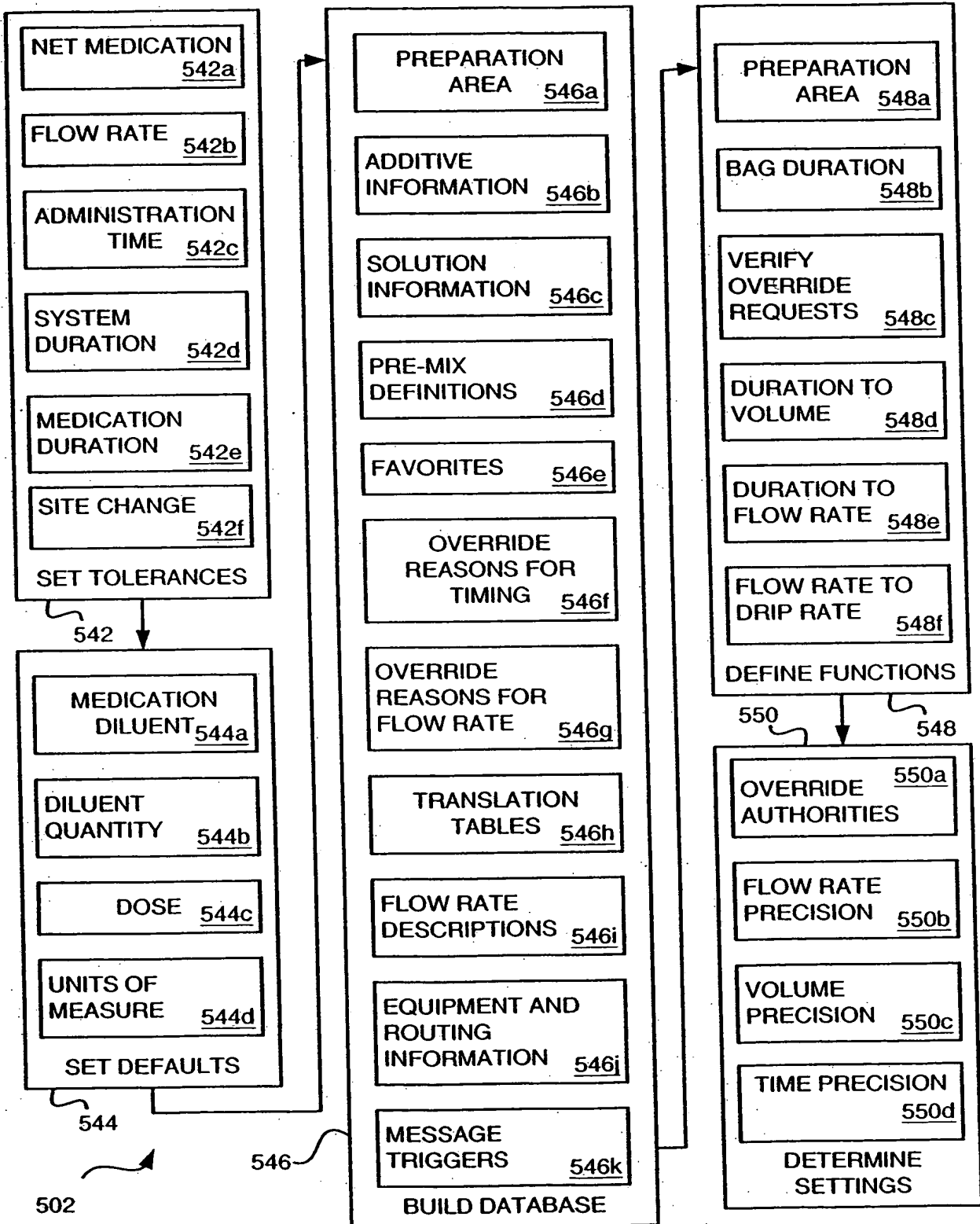


FIG. 8

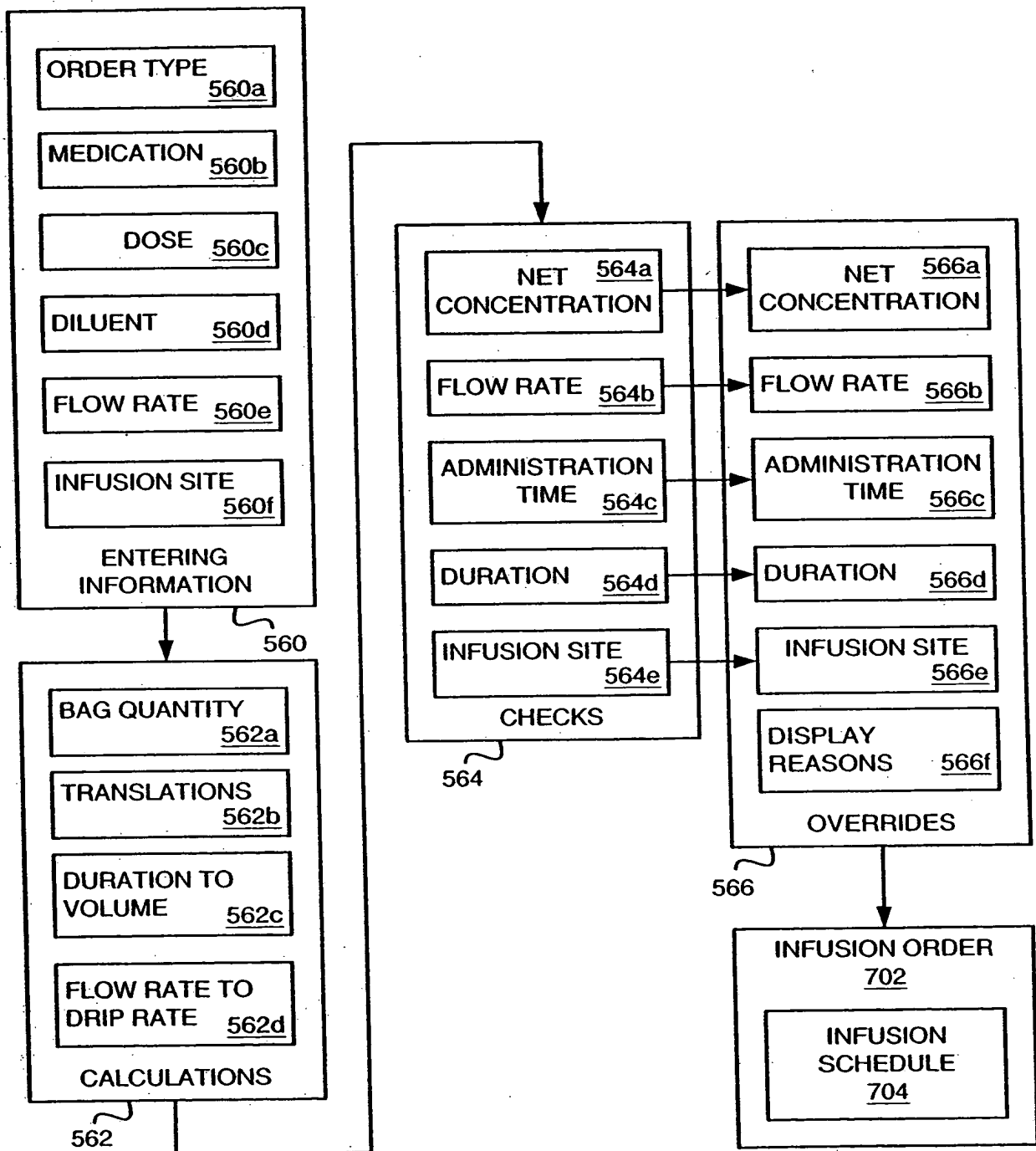


FIG. 9

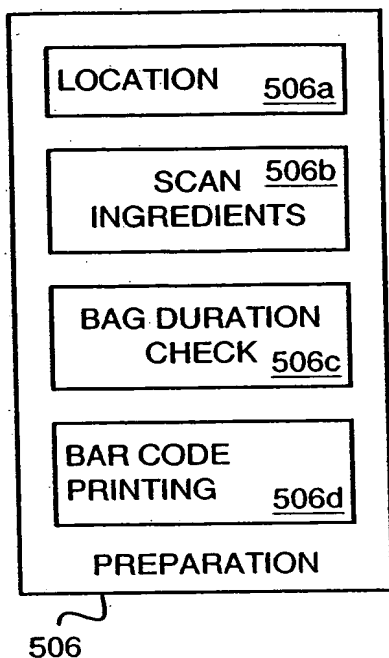
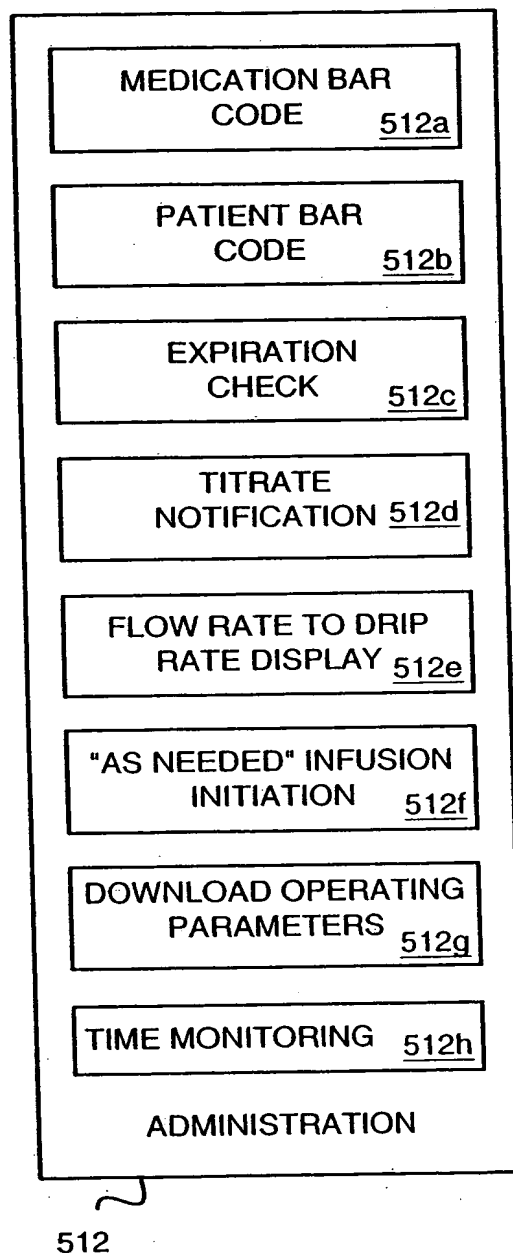


FIG. 10



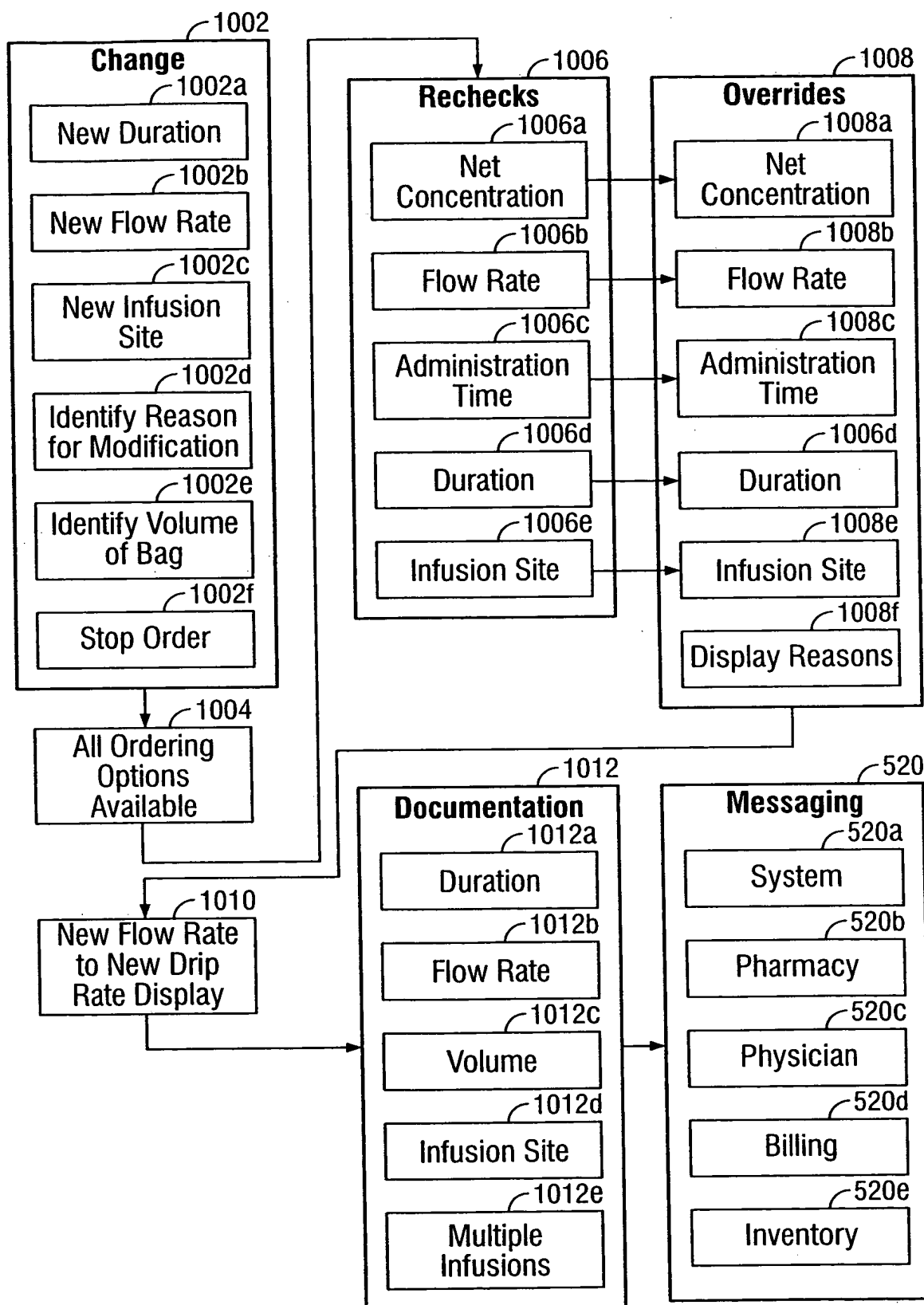


FIG. 11

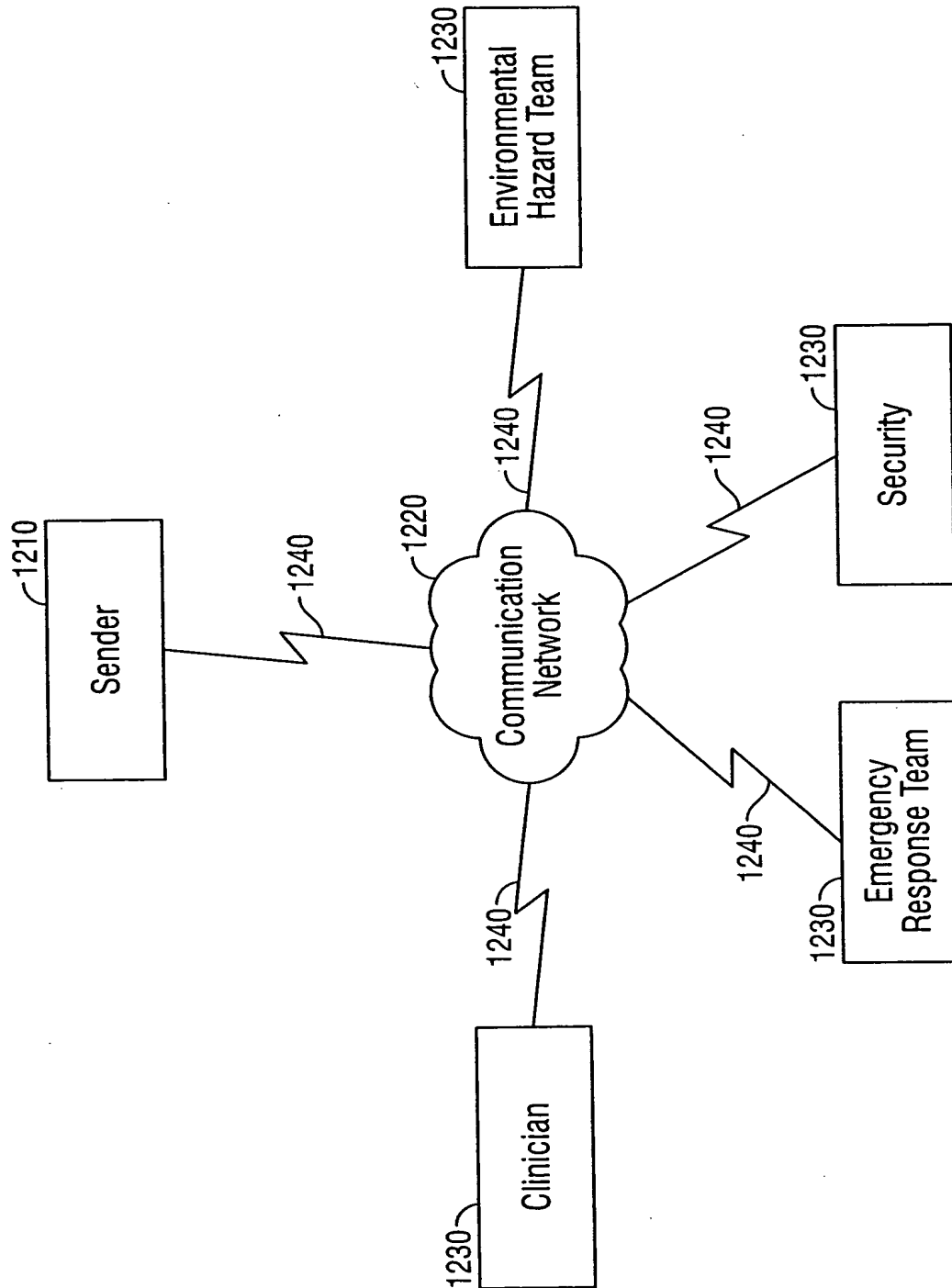


FIG. 12

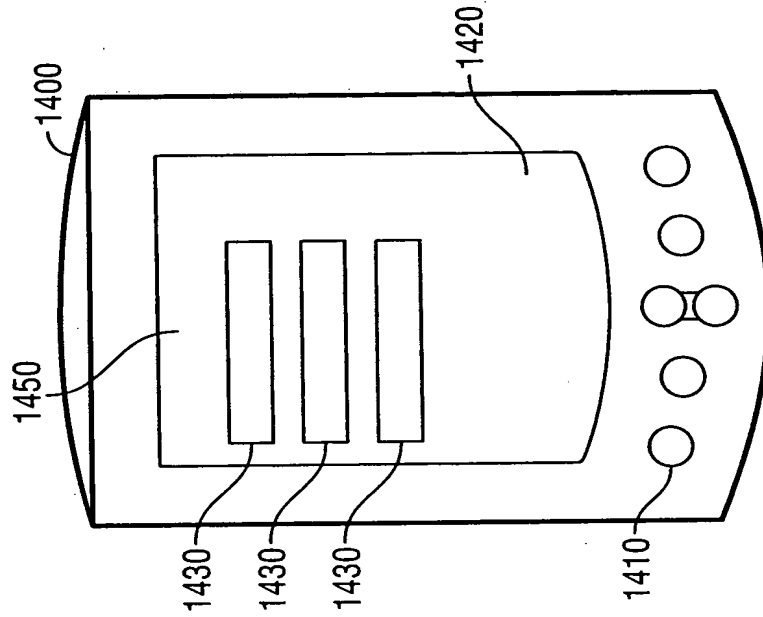


FIG. 14

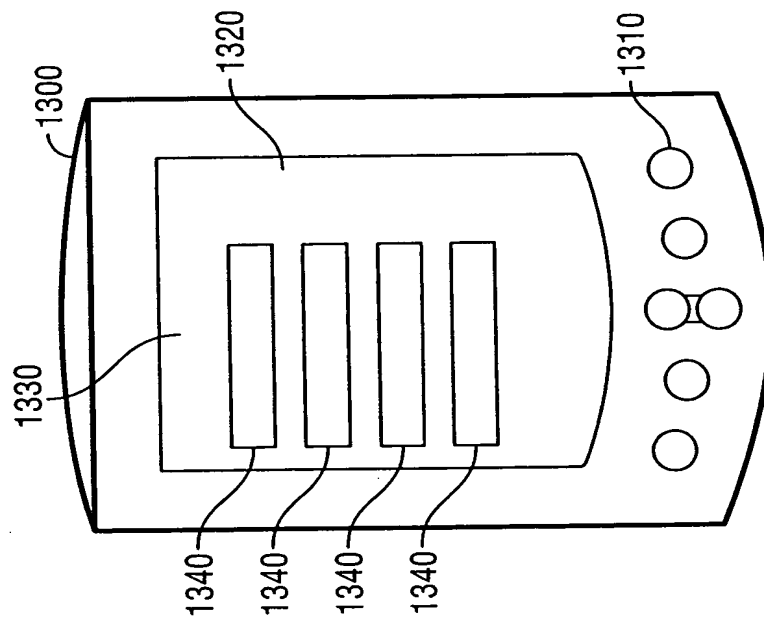
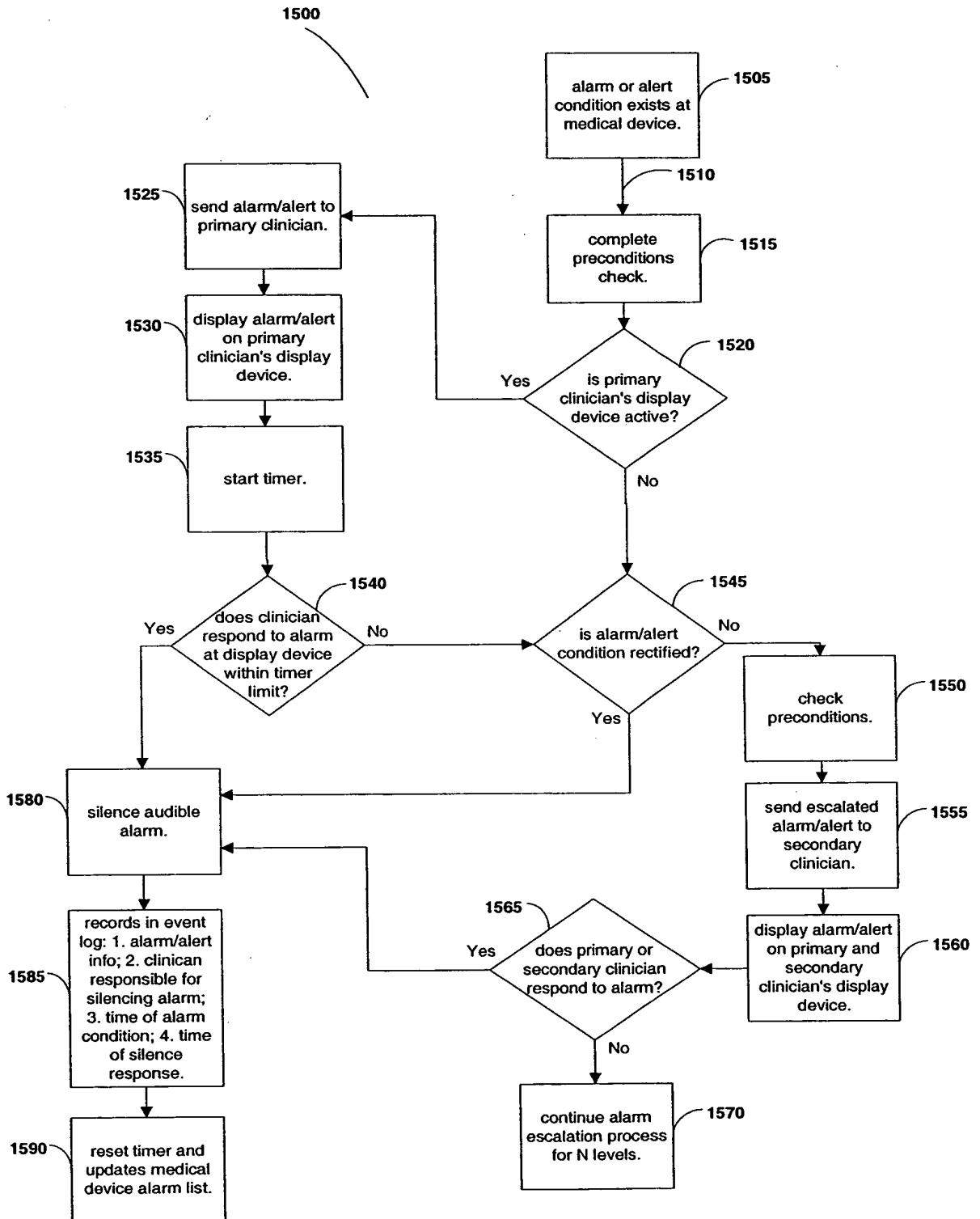


FIG. 13

FIG. 15



1662b

| Rm - Bed | Patient |
|----------|---------------|
| 101 - B | Patient One |
| 101 - C | Patient Two |
| 101 - D | Patient Three |
| 465 - A | Patient Four |
| 321 - B | Patient Five |
| 543 - B | Patient Six |
| 135 - D | Patient Seven |

FIG. 16B

1662a

| Rm - Bed | Patient |
|----------|---------------|
| 101 - B | Patient One |
| 101 - C | Patient Two |
| 101 - D | Patient Three |

FIG. 16A









| | | | |
|--|--------------------|---|---|
|  | Nurse A, RN | |  |
| Pump Alarms & Alerts | | | |
| Rm - Bed | Patient | | |
| 101 - B | Patient_One | | |
|  #1: Alarm message here | | | |
| Ancef 1 g, In Dextrose, 5% 50 ml | | | |
|  #1: Alert message here | | | |
| Ancef 1 g, in Dextrose, 5% 50 ml | | | |
| | | | |
| | | | |
|  | |  | |
| | |  | |
| | |  | |

FIG. 18

2005

Patient Care System

General Hospital

User Name:
Nurse A *

Password:

Login failed.
Check User Name or Password.

Login

FIG. 20

1903

Patient Care System

General Hospital

User Name:
Nurse A

Password:

Login

FIG. 19

2211

Nurse A, RN

Log Out

Select WORK SHIFT

☐ Standard Shift

2255

2107

4809

☐ Customize Shift

Time

Start: 18 30

End: 00 00

FIG. 22

2105

Nurse A, RN

Log Out

Select UNIT

Neurology ICU

2107

4809

FIG. 21

2417

Nurse A, RN

Log Out

My Patients

My Tasks

Scan Patient:

| Rm - Bed | Patient |
|----------|---------------|
| 101 - B | Patient One |
| 101 - C | Patient Two |
| 101 - D | Patient Three |

Add patient for:

Find More Patients

2419

FIG. 24

2313

Nurse A, RN

Log Out

My Patients

My Tasks

Scan Patient:

| Rm - Bed | Patient |
|----------|---------------|
| 101 - B | Patient One |
| 101 - C | Patient Two |
| 101 - D | Patient Three |

Add More Patients

2315

FIG. 23

2521a

Ninety-Three, James RN

Log Out

Ninety Nine, Douglas, Mr. (MDLOC1)

MDUnit1: MDRoom1 - MDBed1

Dr.Ninety, Susan

Mini-Chart: Allergies

Allergies & H/Wt

Lab Results

Med Hx

Drug Allergy

Acetaminophen

General Allergy

| Date Observed | Height | Weight |
|---------------|-----------|------------|
| 8-22 14:16 | 183.00 cm | 85.00 Kg |
| | 72.05 in. | 187.39 Lbs |

Back

FIG. 25A

2521

Nurse A, RN

Log Out

Patient, One - 101-B

Mini-Chart: Allergies(NKA)

Administer Meds/Infusions

STOP Infusion

RESUME Infusion

Titrate Infusion

Flow Rate History

Pump Status

Remove Patient from Shift

FIG. 25

2521c

Ninety-Three, James RN

Ninety- Nine, Douglas, Mr. (MDLOC1)

MDUnit1: MDRoom1 - MDBed1

Dr.Ninety, Susan

Mini-Chart Allergies

Allergies & HxWt Med Hx

Lab Results

Log Out

| Lab Test | Result | Range | H/I | Date |
|-----------|--------|--------------|--------|----------------------|
| POTASSIUM | 3.1 | 3.6-5 mmol/L | Normal | 5/16/2003 9:00:00 AM |

Back

FIG. 25C

2521b

Ninety-Three, James RN

Ninety Nine, Douglas, Mr. (MDLOC1)

MDUnit1: MDRoom1 - MDBed1

Dr.Ninety, Susan

Mini-Chart Allergies (NKA)

Allergies & HxWt Med Hx

Lab Results

Log Out

All ☒ Scheduled ☐ PRN ☐

Look Back Period: 24 hours

Order

Acetaminophen Cap 500 MG

500 MG = 1 CAP

Oral

TID

Admin Date: 6-3 12:53

Patient Refused

more...

Back

FIG. 25B

2627

Nurse A, RN

Log Out

Patient, One - 101-B

Mini-Chart: Allergies (NKA)

MA-Continuous Infusion
Dextrose 5% W/Sodium Chloride 0.45%
200 ML
Route: Intravenous
Flow Rate: 50 ML/H
Estimated Admin. Period: 4 Hours

Warning: Wear Gloves
Show Edubyte info here

RX not previously administered
Start Time: 6-2 14:54
End Time: 7-7 14:54

FIG. 26A

2623

Nurse A, RN

Log Out

Patient, One - 101-B

Mini-Chart: Allergies (NKA)

<- 10:19 - 12:19 ->
 SCHED 13

| | Time | Med | Last |
|-------------------------------------|-------|---|--------------|
| <input checked="" type="checkbox"/> | 11:30 | MORPHINE SULFATE Continuous Infusion | 12-9 2:00 |
| <input type="checkbox"/> | 13:30 | Continuous Infusion (De SI | 2625 |
| <input type="checkbox"/> | 15:30 | Continuous Infusion (De SI | |
| <input type="checkbox"/> | 17:30 | Continuous Infusion (De SI | |

FIG. 26

2727b

WORKFLOW INFUSION: STOP
 Ninety-Six, Samuel, Mr. MDRoom1-MDBed1

Mini-Chart: Allergies
 Continuous Infusion
 Dextrose Inj 20%
 500 ML
 Route: Intravenous Flow Rate: 125 ML/H
 Estimated Administration Period: 4 Hours

Please select a reason for Stop Infusion

Stop Time [M/D/Y HH:MM]
 06/18/2003 15:23

FIG. 27B

2727a

WORKFLOW INFUSION: STOP
 Ninety-Six, Samuel, Mr. MDRoom1-MDBed1

Mini-Chart: Allergies

Scan Item:

Continuous Infusion
 Dextrose Inj 20%
 500 ML
 Route: Intravenous Flow Rate: 125 ML/H
 Estimated Administration Period: 4 Hours
 Order has been DC'd

FIG. 27A

2727d

Ninety-Three, James RN
 WORKFLOW INFUSION: RESUME
 Ninetyfour-Pointfive, Fred, Mr.
 MDRoom1 - MDBed1
Mini-Chart: Allergies (Not Specified)
 Continuous Infusion
 Dextrose Inj 20%
 500 ML
 Route: Intravenous Flow Rate:
 125 ML/H
 Estimated Administration Period:
 4 Hours
 Stopped w/o Order
 Please select a reason for Resume
 Infusion

4809

FIG. 27D

2727C

Ninety-Three, James RN
 WORKFLOW INFUSION: RESUME
 Ninetyfour-Pointfive, Fred, Mr.
 MDRoom1 - MDBed1
Mini-Chart: Allergies (Not Specified)
 Scan Item:
 Continuous Infusion
 Dextrose Inj 20%
 500 ML
 Route: Intravenous Flow Rate: 125
 ML/H
 Estimated Administration Period: 4
 Hours
 Stopped w/o Order

FIG. 27C

2941

4837

2945

2943

Log Out

Nurse A, RN

Patient, One - 101-B

Mini-Chart : Allergies (NKA)

Missed Medication

Please select a reason for LATE:

Adjust schedule for :

MORPHINE SULFATE
 Continuous Infusion
 60 MG = 30 ML
 Route: Injection
 Flow Rate: 30 ML/H
 Estimated Admin. Period: 1 Hour

FIG. 29

2835

4837

2839

Log Out

Nurse A, RN

Patient, One - 101-B

Mini-Chart : Allergies (NKA)

<- 10:19 - 12:19 ->

SCHED 13

| Time | Med | Last |
|-------|---|--------------|
| 13:30 | MORPHINE SULFATE Continuous Infusion | 12-9 2:00 |
| 13:30 | Continuous Infusion (De) | |
| 15:30 | Continuous Infusion (De) | |
| 17:30 | Continuous Infusion (De) | |

FIG. 28

Log Out

Nurse A, RN

Patient, One - 101-B

Mini-Chart : Allergies (NKA)

Missed Medication

Please select a reason for LATE

Patient unavailable at sched. time

Not Required

Cycle Count

Insufficient Stock

Re-open drawer

Maintain Admin Test

Already have item

Item Unavailable

Refused

FIG. 30

3351

3353

3355

Log Out

Nurse A, RN

Patient, One - 101-B

Mini-Chart : Allergies (NKA)

Scan Depot:

Search Items

| Item | Depot/Unit | Qty |
|----------------------|----------------|-----|
| Morphine Sulfate Inj | In other units | |
| 2 MG/ML QA | In other units | |
| Morphine Sulfate Inj | In other units | |
| 2 MG/ML QA | In other units | |

Skip Scan Depot

FIG. 33

3235

3249

3225

Log Out

Nurse A, RN

SCHED 13

| Time | Med | Last |
|-------|--------------------------------------|-----------|
| 11:30 | MORPHINE SULFATE Continuous Infusion | 12/9 2:00 |
| 13:30 | Continuous Infusion (De SI) | |
| 15:30 | Continuous Infusion (De SI) | |
| 17:30 | Continuous Infusion (De SI) | |

Get Items

FIG. 32

3569

The interface displays the following elements:

- Header:** "Nurse A, RN" with a "Log Out" button.
- Patient Info:** "Patient, One - 101-B" and "Mini-Chart : Allergies (NKA)".
- Search Section:** A "Scan Depot:" label with a search icon, a text input field, and a message "Scan code is invalid."
- Search Items Table:**

| Item | DepotUnit | Qty |
|----------------------|-----------|-----|
| Morphine Sulfate Inj | In other | |
| 2 MG/ML QA | units | |
| Morphine Sulfate Inj | In other | |
| 2 MG/ML QA | units | |
- Buttons:** "Skip Scan Depot" and "Log Out".

FIG. 35

3465

The interface displays the following elements:

- Header:** "Nurse A, RN" with a "Log Out" button.
- Patient Info:** "Patient, One - 101-B" and "Mini-Chart : Allergies (NKA)".
- Medication Section:** A "Scan Item:" label with a search icon, a text input field, and a message "Scan code is invalid."
- Medication Details:**

MORPHINE SULFATE
 Continuous Infusion
 60 MG = 30 ML
 Route: Injection
 Flow Rate: 30 ML/H
 Estimated Admin. Period: 1 Hour
- Quantity and Get:**

Quantity: 30 ML(s)
 Get: 30 ML
- Warnings and Actions:**

Warning: Wear Gloves
 Show Edubyte Info here
- Buttons:** "Log Out".

FIG. 34

3771

The interface displays the following information:

- Header:** Nurse C, RN (with a 'Log Out' button).
- Patient:** Patient, Three, Mr. 100-C.
- Mini-Chart:** Allergies.
- Section:** Verify Route, Line & Site.
- Medication Details:**
 - Rx Sodium Chloride 0.9% Continuous Infusion
 - Rx Sodium Chloride 0.9% 1000 ML
 - Route: Intravenous Flow Rate: 50 ML/H
 - Estimated Administration Period: 20 Hours
- Instructions:** Please hang the bag, program the pump and record the following information but DO NOT start the pump channel until instructed:
- Configuration Fields:**
 - Route: Intramuscular (3773)
 - Line: Central (3775)
 - Site: Right Forearm (3777)
 - Compoare Route (4817)

FIG. 37

3657

The interface displays the following information:

- Header:** Nurse A, RN (with a 'Log Out' button).
- Patient:** Patient, One - 101-B.
- Mini-Chart:** Allergies (NKA).
- Section:** Scan Patient: (3661).
- Instructions:** If Cannot admin, select a reason: (3659).
- Monitoring Result:**
 - Not Req Due to Monitoring Result
 - Patient Unavailable
 - Refused
- Buttons:** Waste/Return (3663).

FIG. 36

3885

| | | | |
|--|--|-------------------------|------|
| | | Nurse C, RN | |
| Patient, Three, Mr. 100-C | | | |
| Mini-Chart : Allergies | | | |
| Scan Pump Channel | | | |
| Rx Sodium Chloride 0.9% Continuous Infusion Rx Sodium Chloride 0.9% 1000 ML Route: Intravenous Flow Rate: 50 ML/H Estimated Administration Period: 20 Hours | | | |
| | | Scan Pump Channel ***** | 4809 |

FIG. 38A

3881

| | | | |
|--|--|-------------|--|
| | | Nurse C, RN | |
| Patient, Three, Mr. 100-C | | | |
| Mini-Chart : Allergies | | | |
| Select Pump Channel Mode | | | |
| Rx Sodium Chloride 0.9% Continuous Infusion Rx Sodium Chloride 0.9% 1000 ML Route: Intravenous Flow Rate: 50 ML/H Estimated Administration Period: 20 Hours | | | |
| Select Pump Channel Mode: | | | |
| Primary | | Playback | |
| 3884 | | 3883 | |

3882

FIG. 38

3987

Nurse A, RN

Patient, One
 Rm - Bed 101-B
 Dr. One (111)111-1111 ext. 1

Pharm & Pump Comparison

Ancel 1 g. In Dextrose, 5% 50 mL
run at 100 mL/hr

| | | | |
|------|-------------|---|---------------|
| | Pharm Label | = | Pump Settings |
| Rate | 100 mL/hr | | 100 mL/hr |

Comparison MATCHES.
Press "Start" Key on pump.

OK

FIG. 39A

3986

Nurse C, RN

Patient, Three, Mr.
 1 West: 100-C
 MD1, Test

Pharm & Pump Comparison

Continuous Infusion Rx Sodium Chloride 0.9% 1000 ML Route:
Intravenous Flow Rate: 60 mL-H Estimated Administration
Period: 20 Hours

Program the Pump Channel and:

> If this is a PRIMARY -
Click COMPARE below Now and
wait until instructed to start pump channel.

> If this is a PIGGYBACK -
Press the "start" key on the
pump Now. then Click COMPARE

In Piggyback Infusion, ensure PRIMARY is placed LOWER THAN
than PIGGYBACK and that PIGGYBACK roller clamp is OPEN.

4817

Compare

FIG. 39

4187

| | | | | | | | |
|--|-------------|---------------|---------------|------|-----------|---------|--|
| Nurse A, RN | | | | | | | |
| Patient, One Rm - Bed 101-B Dr. One (111)111-1111 ext. 1 | | | | | | | |
| Pharm & Pump Comparison | | | | | | | |
| Ancel 1 g, in Dextrose, 5% 50 mL run at 100 mL/hr | | | | | | | |
| <table border="1"> <tr> <td>Pharm Label</td> <td>Pharm ?</td> <td>Pump Settings</td> </tr> <tr> <td>Rate</td> <td>100 mL/hr</td> <td>? mL/hr</td> </tr> </table> | Pharm Label | Pharm ? | Pump Settings | Rate | 100 mL/hr | ? mL/hr | <p>Cannot Compare. Press "Rate" key and COMPARE.</p> |
| Pharm Label | Pharm ? | Pump Settings | | | | | |
| Rate | 100 mL/hr | ? mL/hr | | | | | |
| <div> </div> | | | | | | | |

4817

FIG. 41

4087

| | | | | | | | |
|---|--------------|---------------|---------------|------|-----------|----------|---|
| Nurse A, RN | | | | | | | |
| Patient, One Rm - Bed 101-B Dr. One (111)111-1111 ext. 1 | | | | | | | |
| Pharm & Pump Comparison | | | | | | | |
| Ancel 1 g, in Dextrose, 5% 50 mL run at 100 mL/hr | | | | | | | |
| <table border="1"> <tr> <td>Pharm Label</td> <td>Pharm ≠</td> <td>Pump Settings</td> </tr> <tr> <td>Rate</td> <td>100 mL/hr</td> <td>50 mL/hr</td> </tr> </table> | Pharm Label | Pharm ≠ | Pump Settings | Rate | 100 mL/hr | 50 mL/hr | <p>Please Verify with PHYSICIAN Order. Then to accept the mismatch, press "Start" key on pump and then click "OK" below. You can also reprogram the pump and then click "Compare again."</p> |
| Pharm Label | Pharm ≠ | Pump Settings | | | | | |
| Rate | 100 mL/hr | 50 mL/hr | | | | | |
| <div> </div> | <div> </div> | | | | | | |

4825

4817

FIG. 40

4391

4807

4819

Nurse A, RN **Log Out**

Patient, One
 Rm - Bed 101-B
 Dr. One (111)111-1111 ext. 1

Pump Status

Ancel 1 g, in Dextrose, 5% 50 mL
 run at 100 mL/hr

| | |
|------------------|---------|
| Rate | 60 mL/h |
| Volume Infused | 5 mL |
| Volume Remaining | 45 mL |
| Time Remaining | 45 min. |

*NOTE: Pump Override Accepted

Refresh **Exit**

FIG. 43

4287

4817

Nurse A, RN **Log Out**

Patient, One
 Rm - Bed 101-B
 Dr. One (111)111-1111 ext. 1

Pharm & Pump Comparison

Ancel 1 g, in Dextrose, 5% 50 mL
 run at 100 mL/hr

| Pharm Label | Pump Settings |
|-------------|-------------------|
| Rate | 100 mL/hr ? mL/hr |

Cannot Compare. Press "Start" key on pump and click COMPARE, to retry comparison.

COMPARE

FIG. 42

4501 →

Nurse A, RN

Log Out

Communication Loss Alert
 for the following Patients

| Rm - Bed | Patient |
|----------|---------------|
| 101 - B | Patient One |
| 101 - C | Patient Two |
| 101 - D | Patient Three |

Trouble Shooting Tips:

If a Yellow light is flashing on the WIRELESS MODULE and it is beeping, the system may be down. Call IT or Blomed.

- OR -

Plug in and turn on all pumps. If that does not resolve the problem, Call IT or Blomed.

FIG. 45A

4493 →

Nurse A, RN

Log Out

Patient, One
 Rm - Bed 101-B
 Dr. One (111)111-1111ext. 1

Flow Rate History

⚙ Ancel 1 g. In Dextrose, 5% 50 mL
 run at 100 mL/hr



| | |
|---------|-----------------|
| 60 mL/h | @ 10:55 AM 3/13 |
| 70 mL/h | @ 10:55 AM 3/13 |
| 80 mL/h | @ 10:54 AM 3/13 |

Refresh

Exit

FIG. 44

4603




Nurse A, RN

Log Out

Low Battery Alert
for the following Patients

| Rm - Bed | Patient |
|----------|-------------|
| 101 - B | Patient_One |

Less than 30 minutes of battery left
in WIRELESS MODULE.



Plug WIRELESS MODULE into power
outlet.

Refresh

Exit








FIG. 46

4501



Nurse A, RN

Log Out

Communication Loss Alert
for the following Patients

| Rm - Bed | Patient |
|----------|-------------|
| 101 - D | Patient_One |

Trouble Shooting Tips:
If a Yellow light is flashing on the
WIRELESS MODULE and it is beeping,
the system may be down. Call IT or
Biomed.
- OR -
Plug in and turn on all pumps.
If that does not resolve the problem,
Call IT or Biomed.

Refresh

Exit



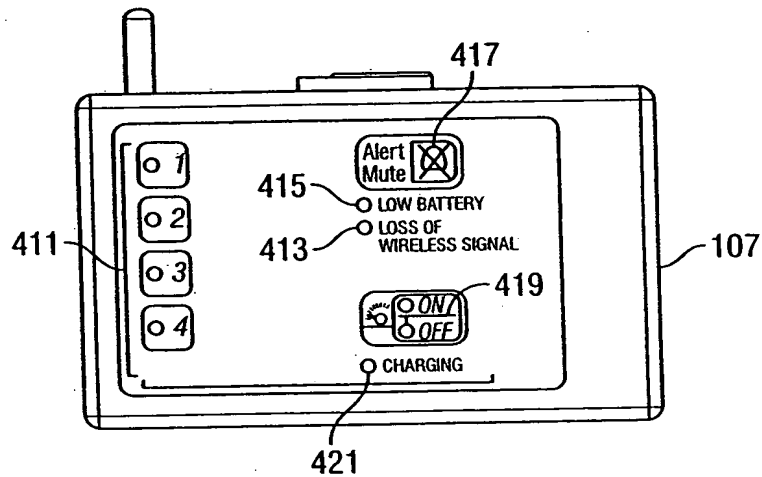


FIG. 45B



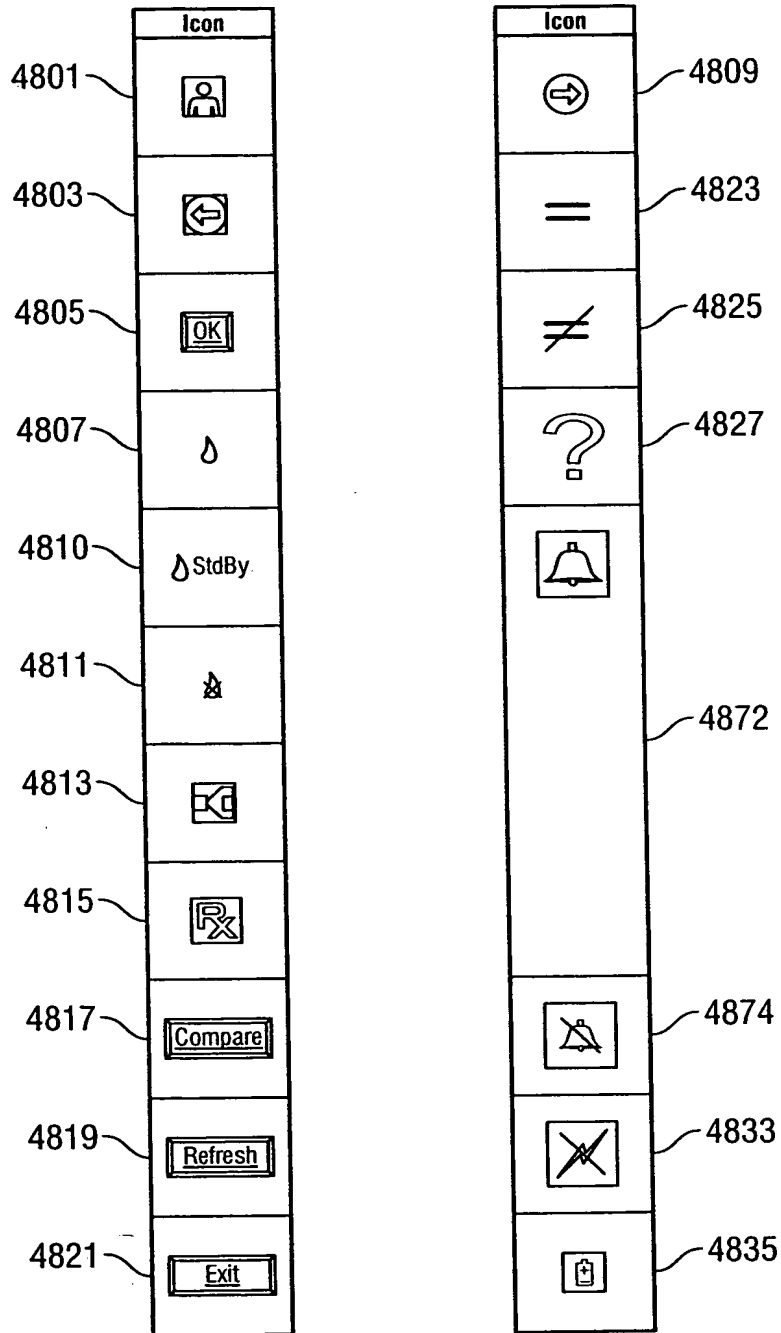


FIG. 48

4937

Nurse A, RN

Log Out

Patient, One - 101-B

Mini-Chart : Allergies (NKA)

Record Admin Result

Please select Admin Result:

MORPHINE SULFATE
 Continuous Infusion
 60 MG = 30 ML
 Route: Injection
 Flow Rate: 30 ML/H
 Estimated Admin. Period: 1 Hour

5003

Ninety - Three, James RN

Log Out

Ninety-Six, Samuel, Mr.MDRoom1-MDBed1

Mini-Chart : Allergies (NKA)

Monitoring Parameters

Blood Pressure

Mm/Hg.

Supine

Save

Back

FIG. 50A

FIG. 49

5001

| | Time | Med | Last |
|--------------------------|-------|--|------|
| <input type="checkbox"/> | 14:39 | Dicloxin Tab 0.125 MG 0.125 MG = 1 TAB Oral QD q | |
| | NR | MP | |

FIG. 50

5101

The interface is a rectangular window with a title bar. The title bar contains a back arrow icon, a person icon, the text "Ninety-Three, James RN", and a "Log Out" button. Below the title bar, the text "Eightytwo, Anthony, MDRoom1-MDDefaultBed" is displayed. A section titled "Mini-Chart: Allergies" contains the following text: "ACETAMINOPHEN/CODEINE #4", "Acetaminophen w/ Codeine Tab", "300-60 MG 60 MG = 1 TAB Oral", and "QID". Below this, the text "Drawer 1, Bin 05" is shown. Further down, the text "Count before the removal of medication(first count)" is displayed, followed by "Qty on hand:". Below this is a text input field followed by "TAB(s)". A "Count" button is located below the input field. At the bottom of the window, there are two buttons: "Back to Patient List" and "Re-open drawer".

← Person Ninety-Three, James RN Log Out

Eightytwo, Anthony, MDRoom1-MDDefaultBed

Mini-Chart: Allergies

ACETAMINOPHEN/CODEINE #4
Acetaminophen w/ Codeine Tab
300-60 MG 60 MG = 1 TAB Oral
QID

Drawer 1, Bin 05

Count before the removal of medication(first count)
Qty on hand:

TAB(s)

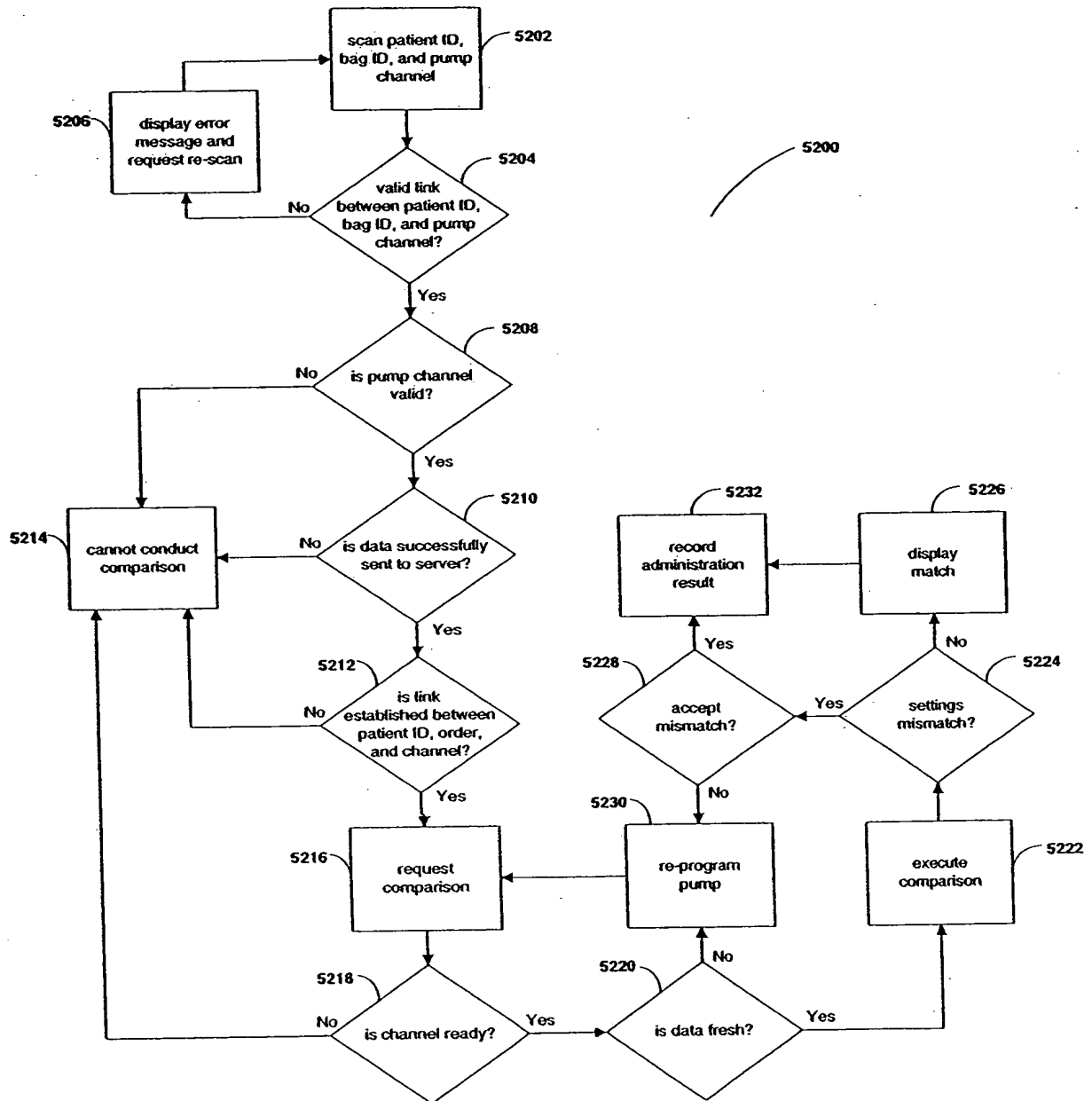
Count

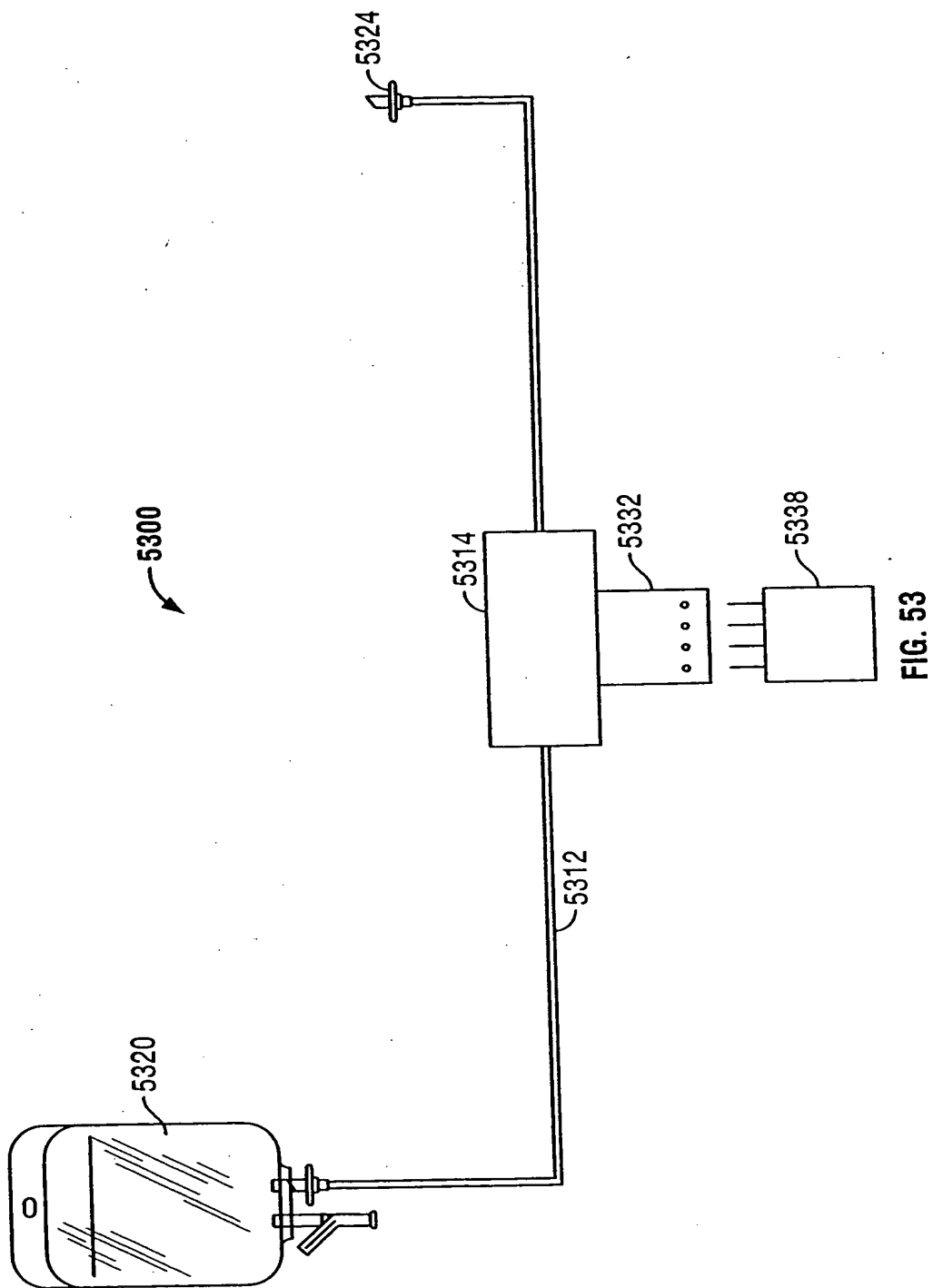
Back to Patient List

Re-open drawer

FIG. 51

FIG. 52





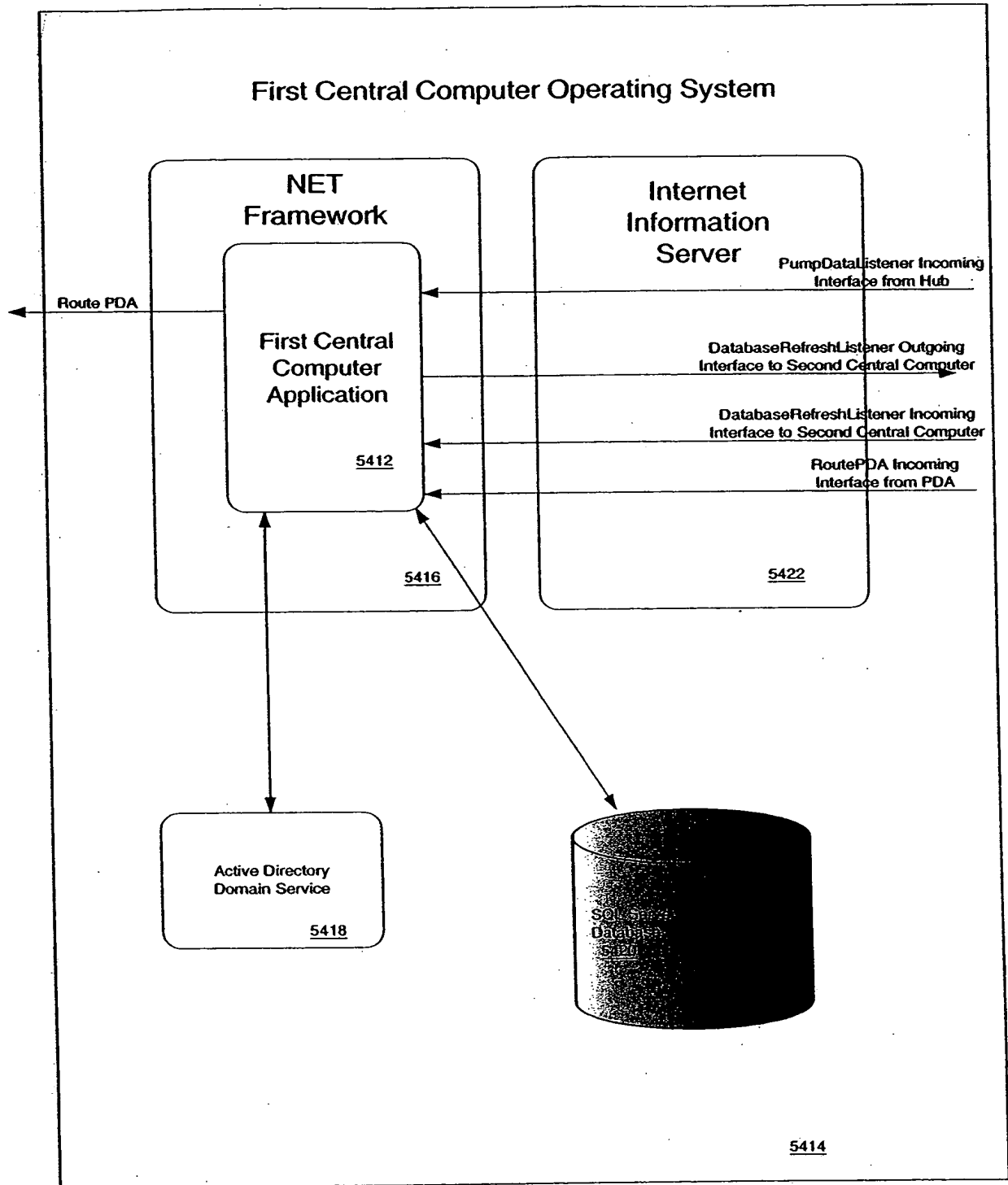


FIG. 54

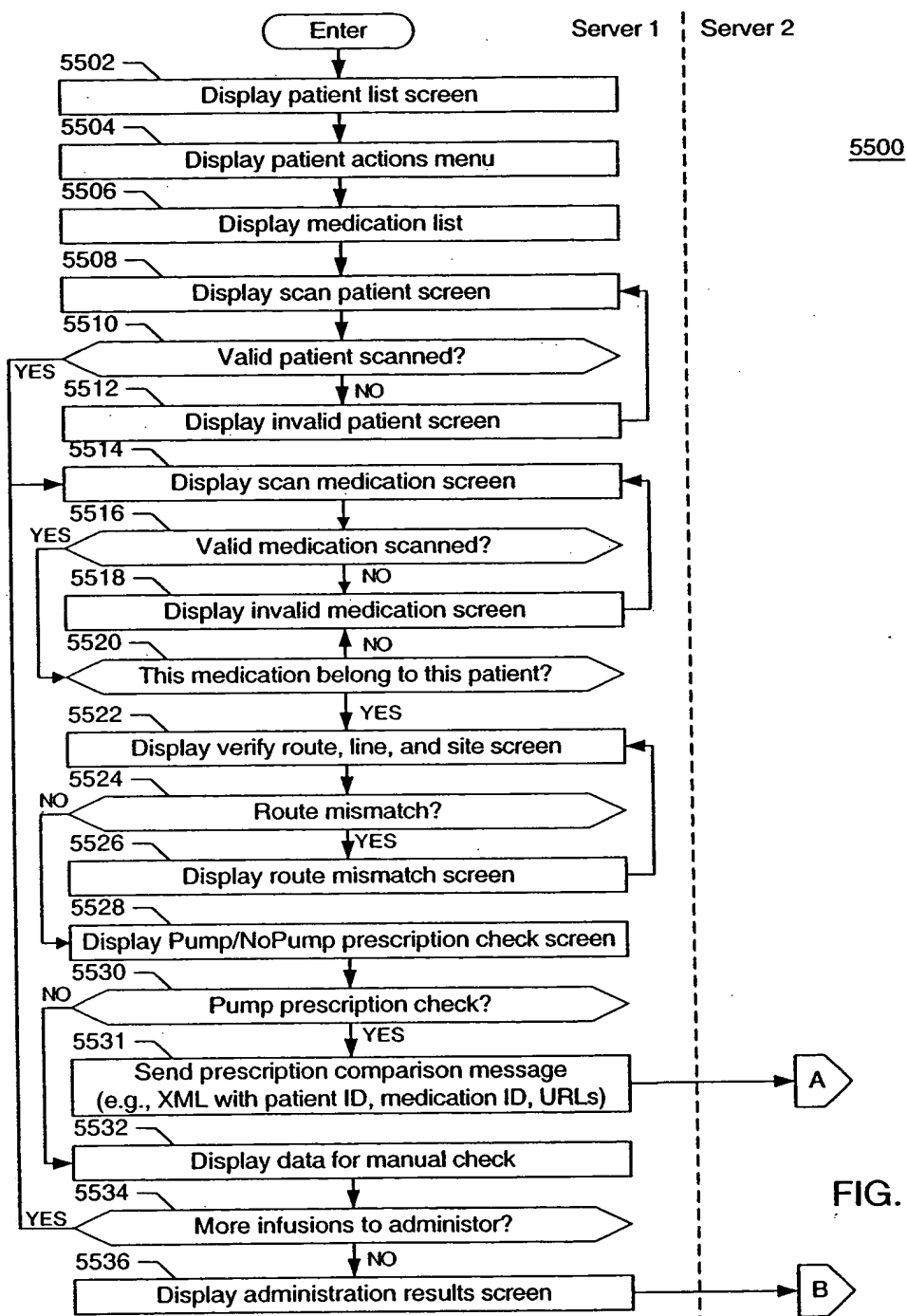


FIG. 55B

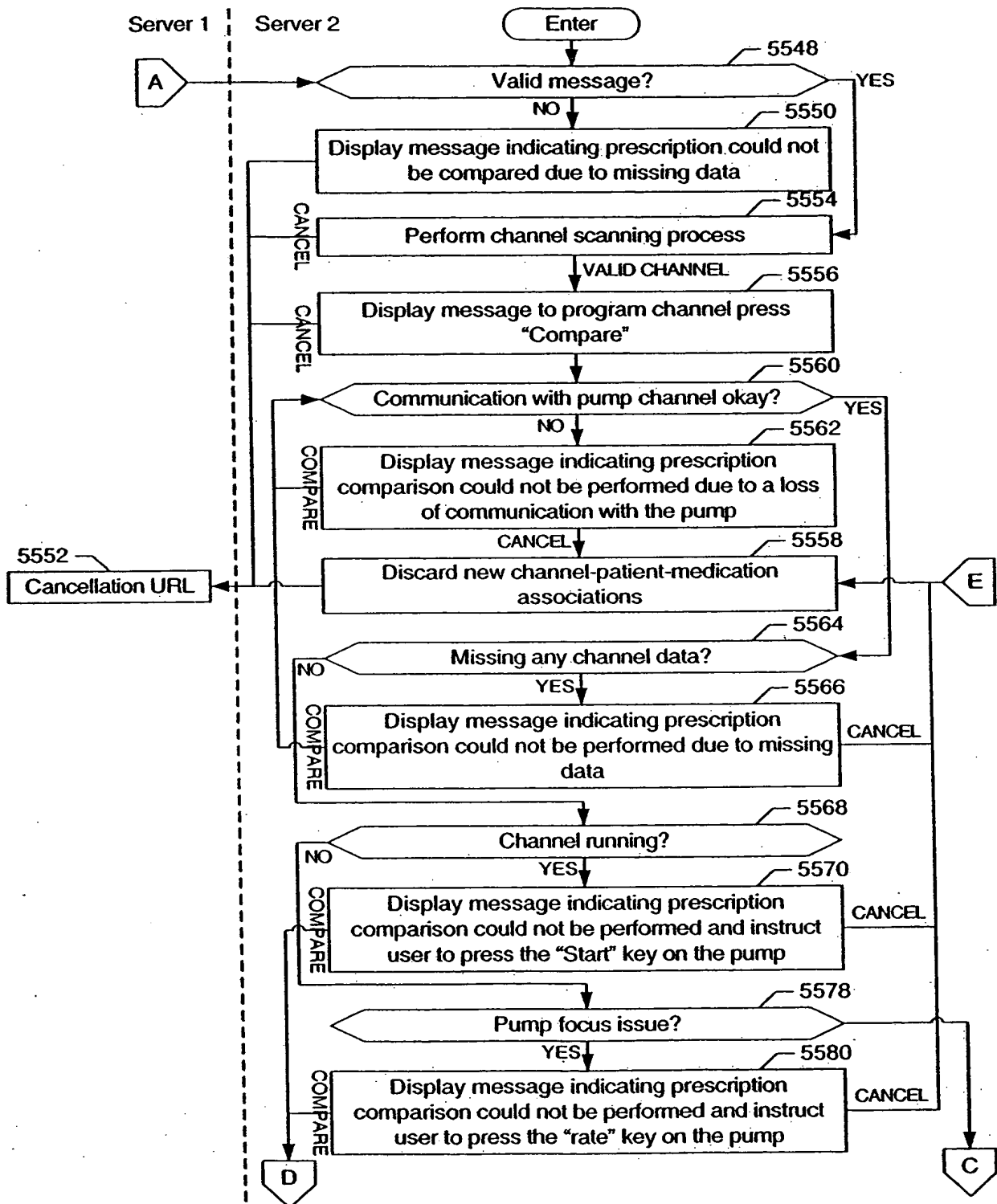
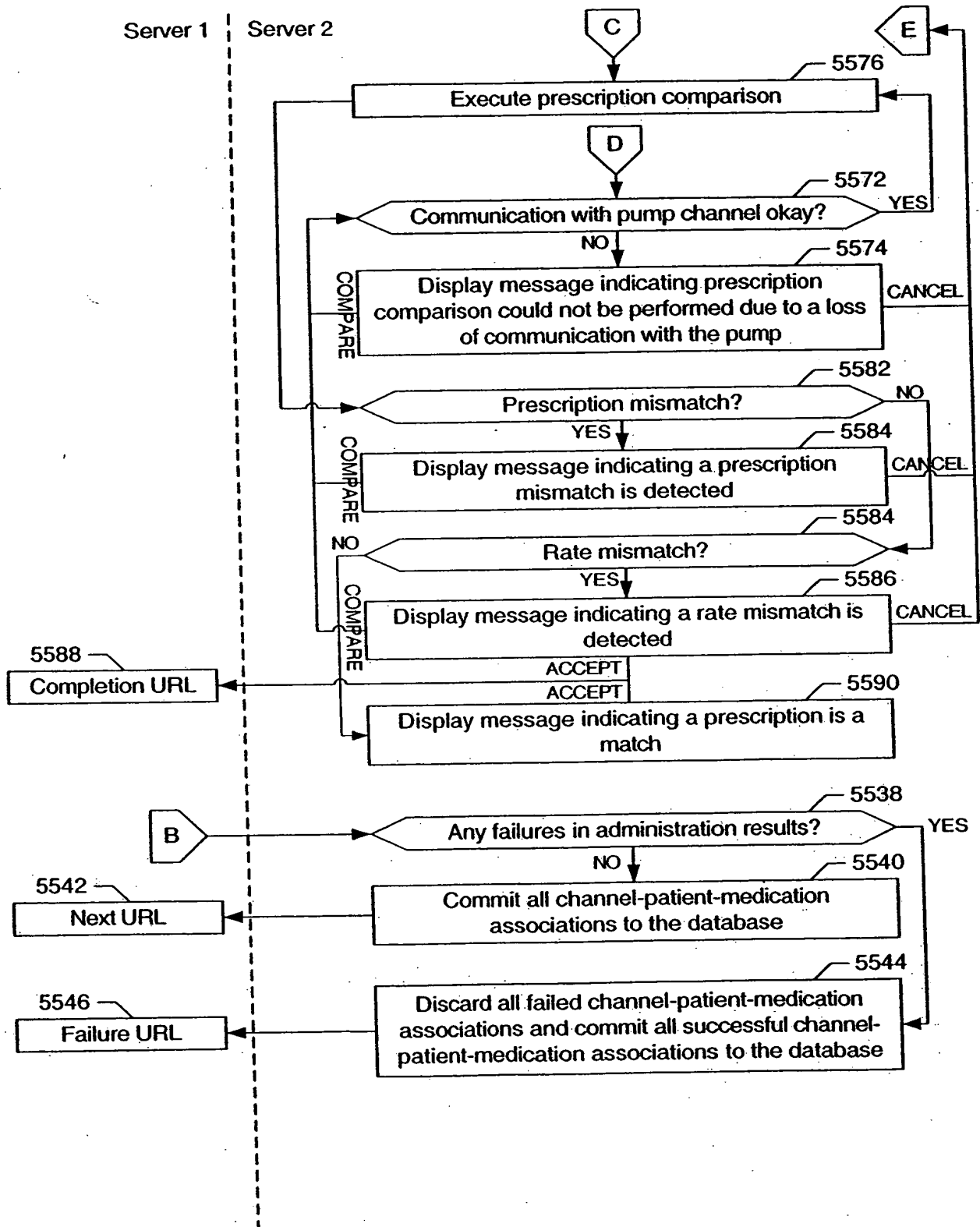


FIG. 55C



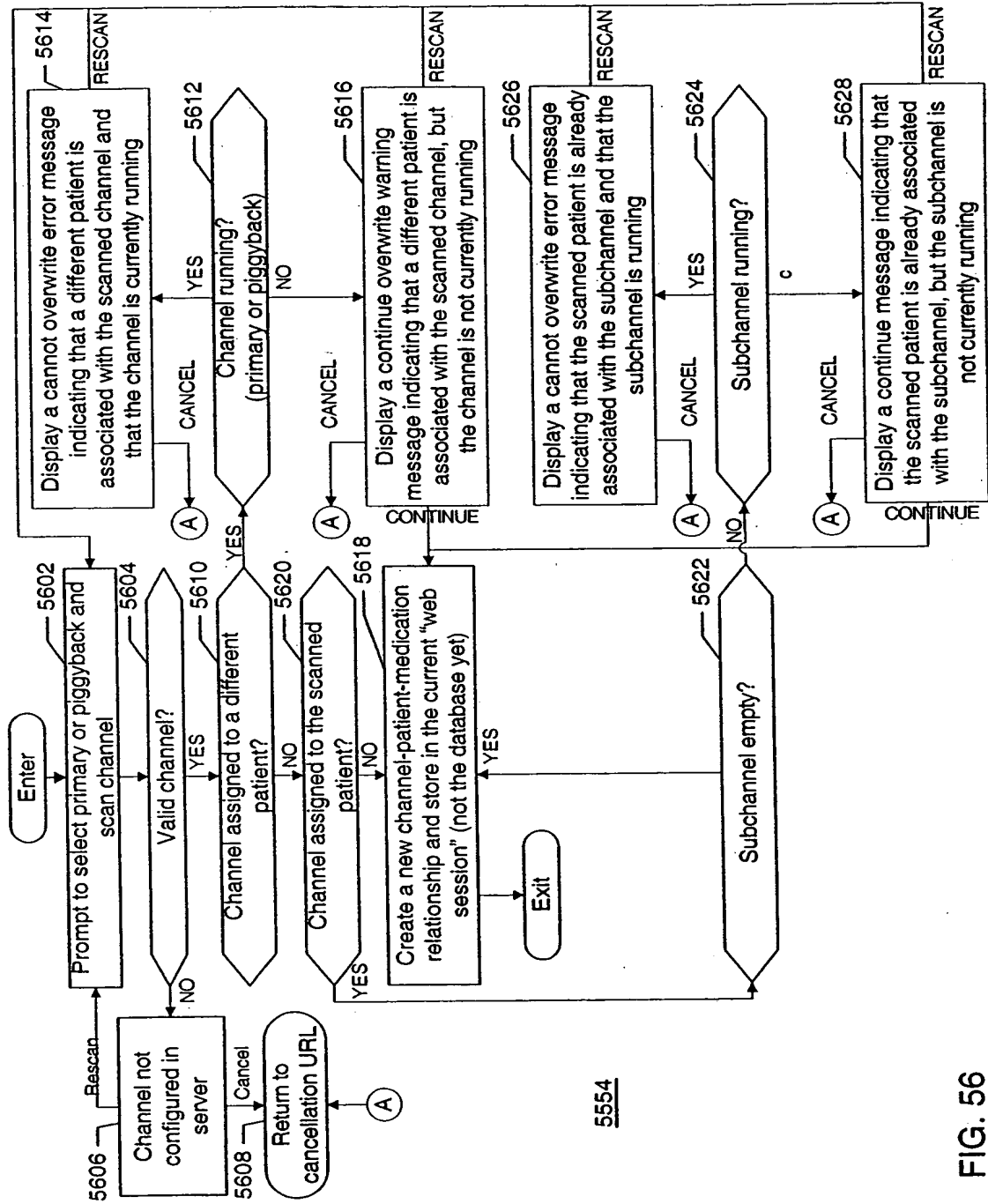


FIG. 56

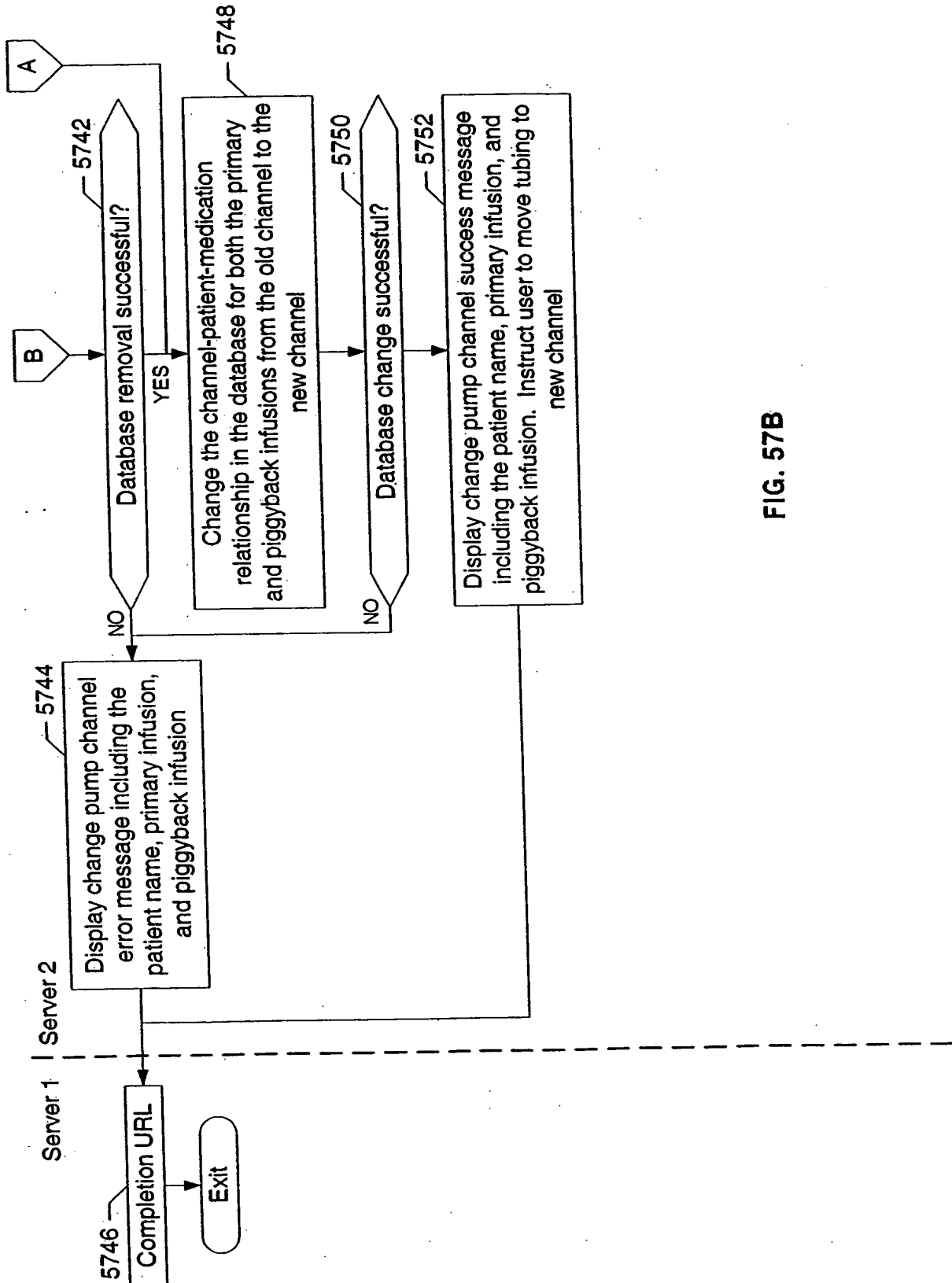


FIG. 57B

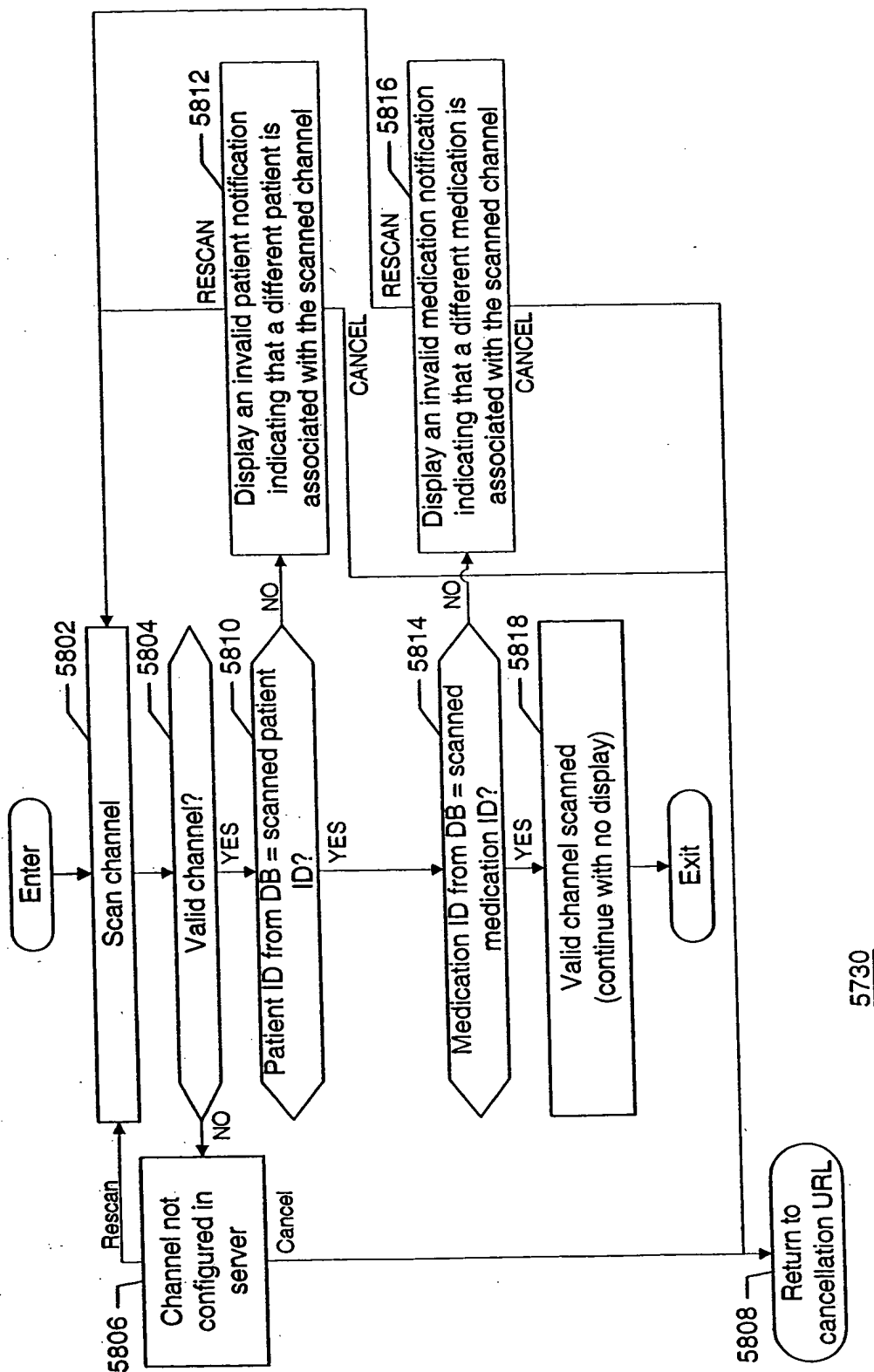
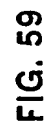


FIG. 58



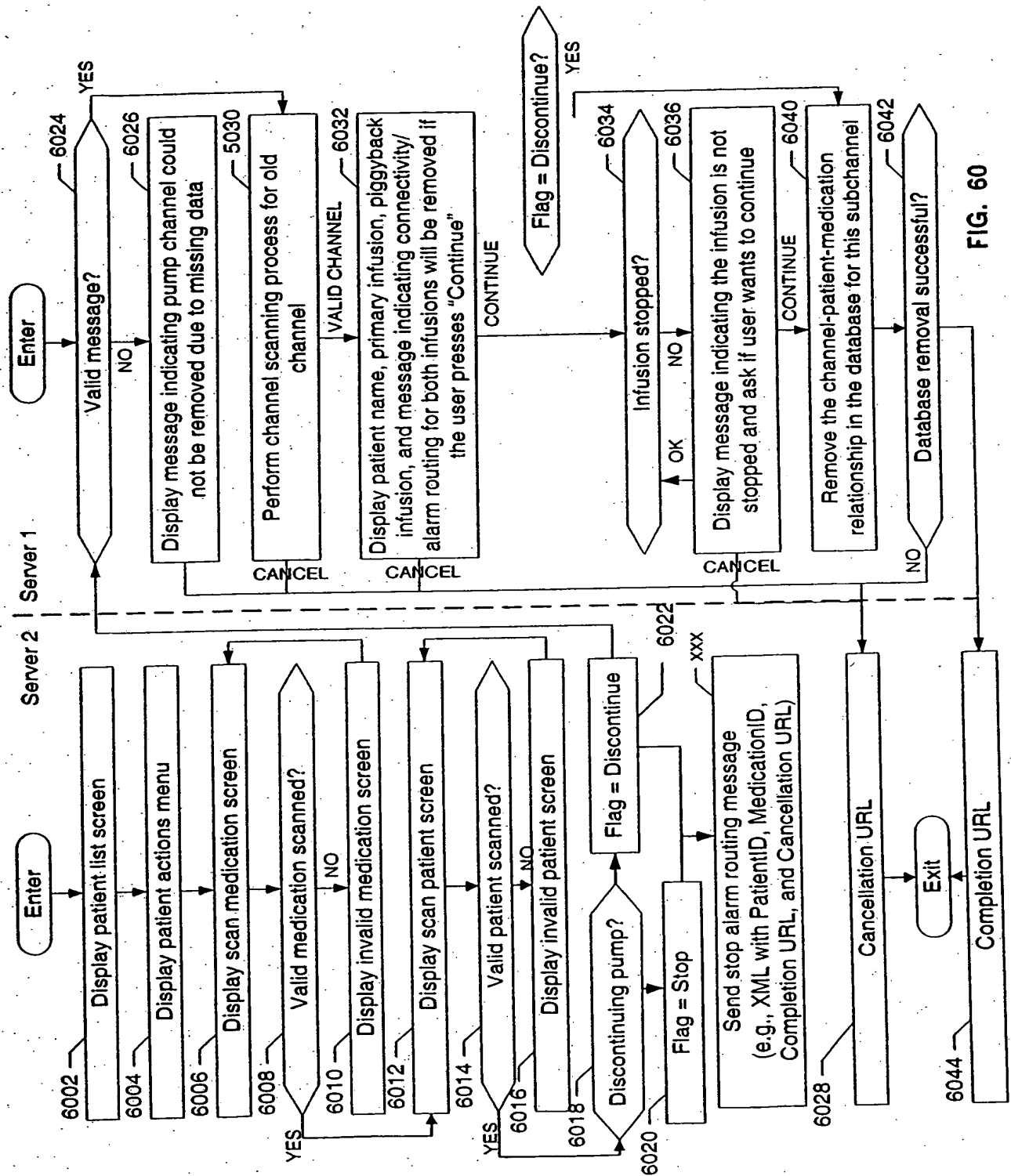


FIG. 60

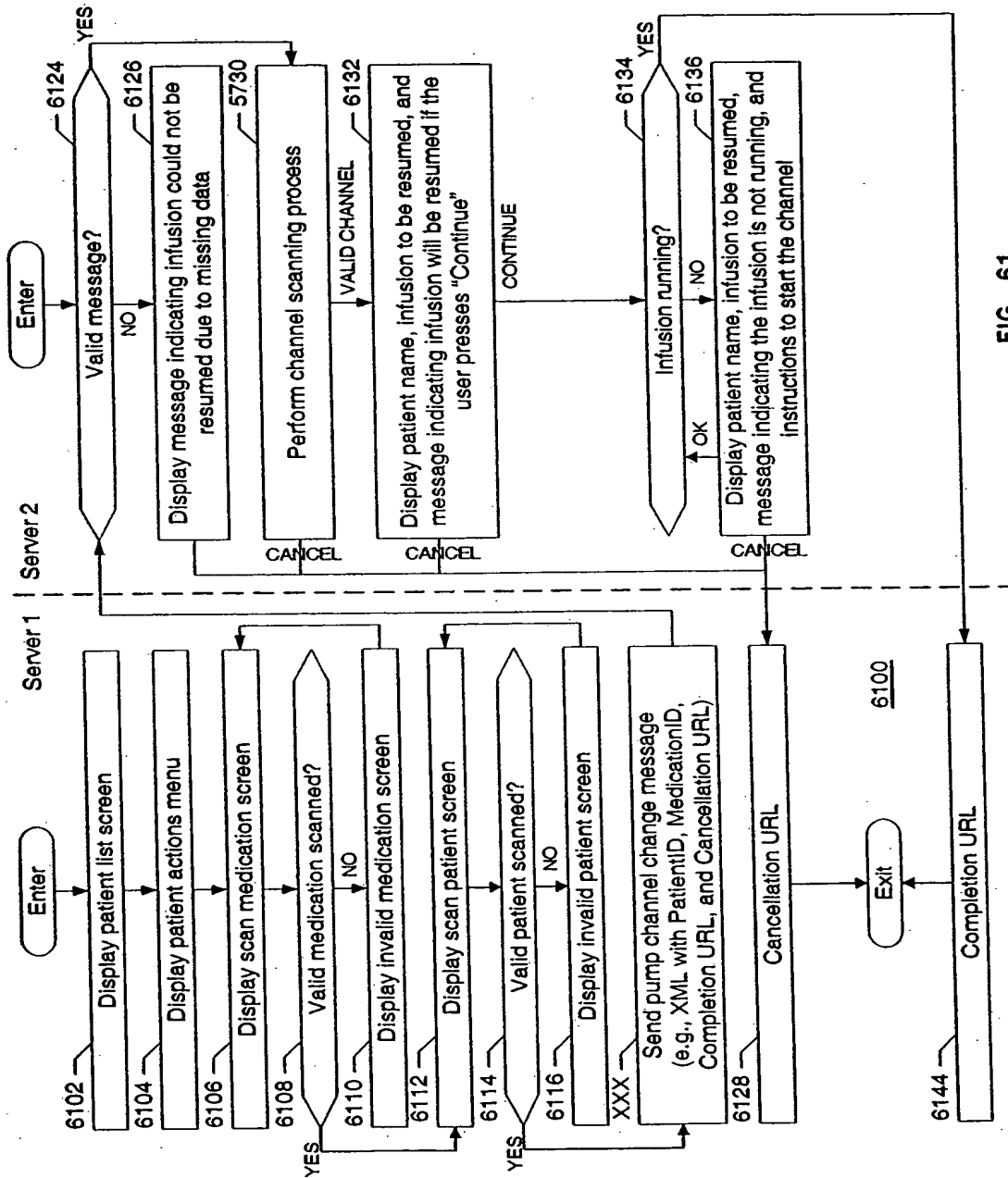


FIG. 61

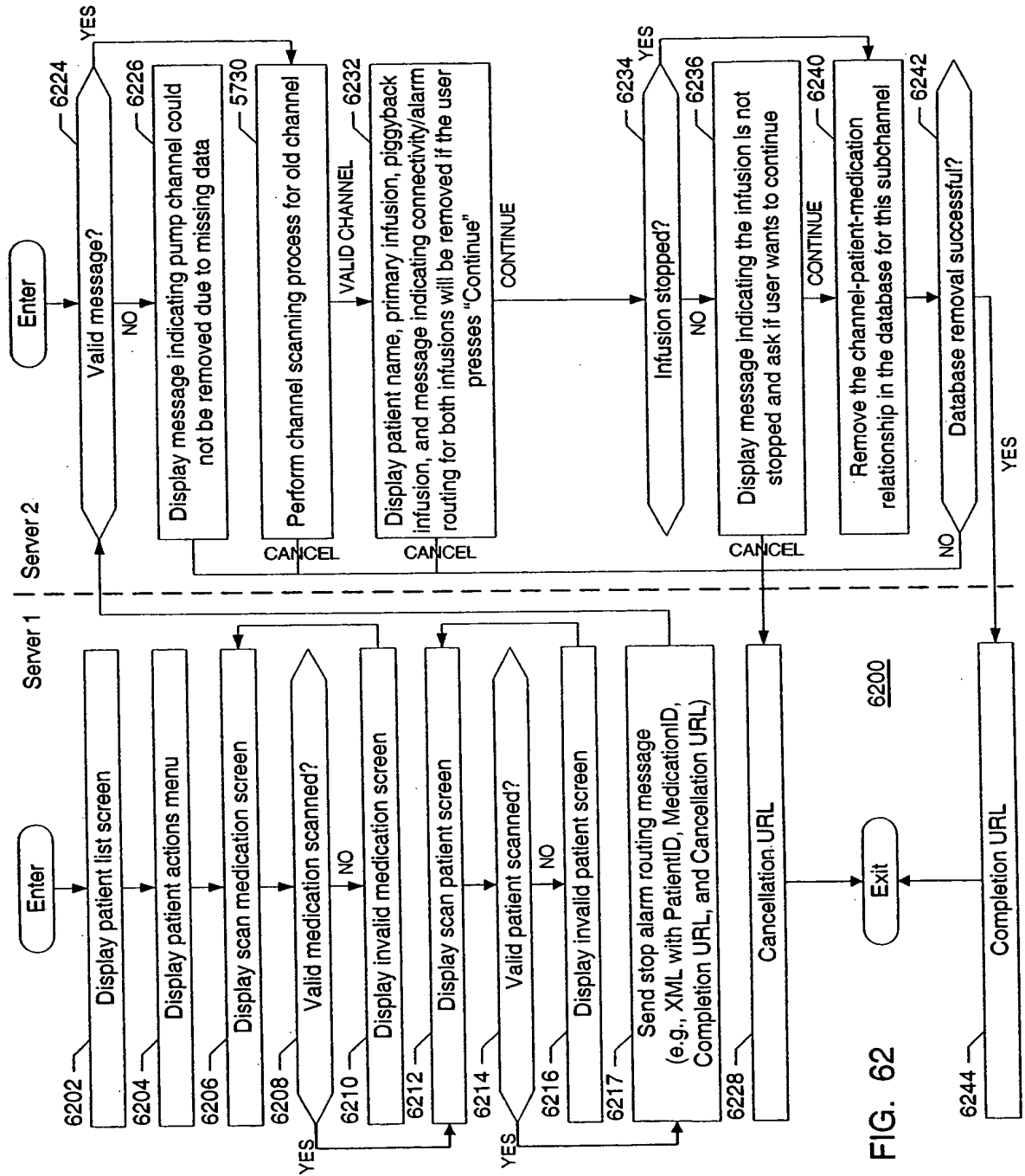


FIG. 62

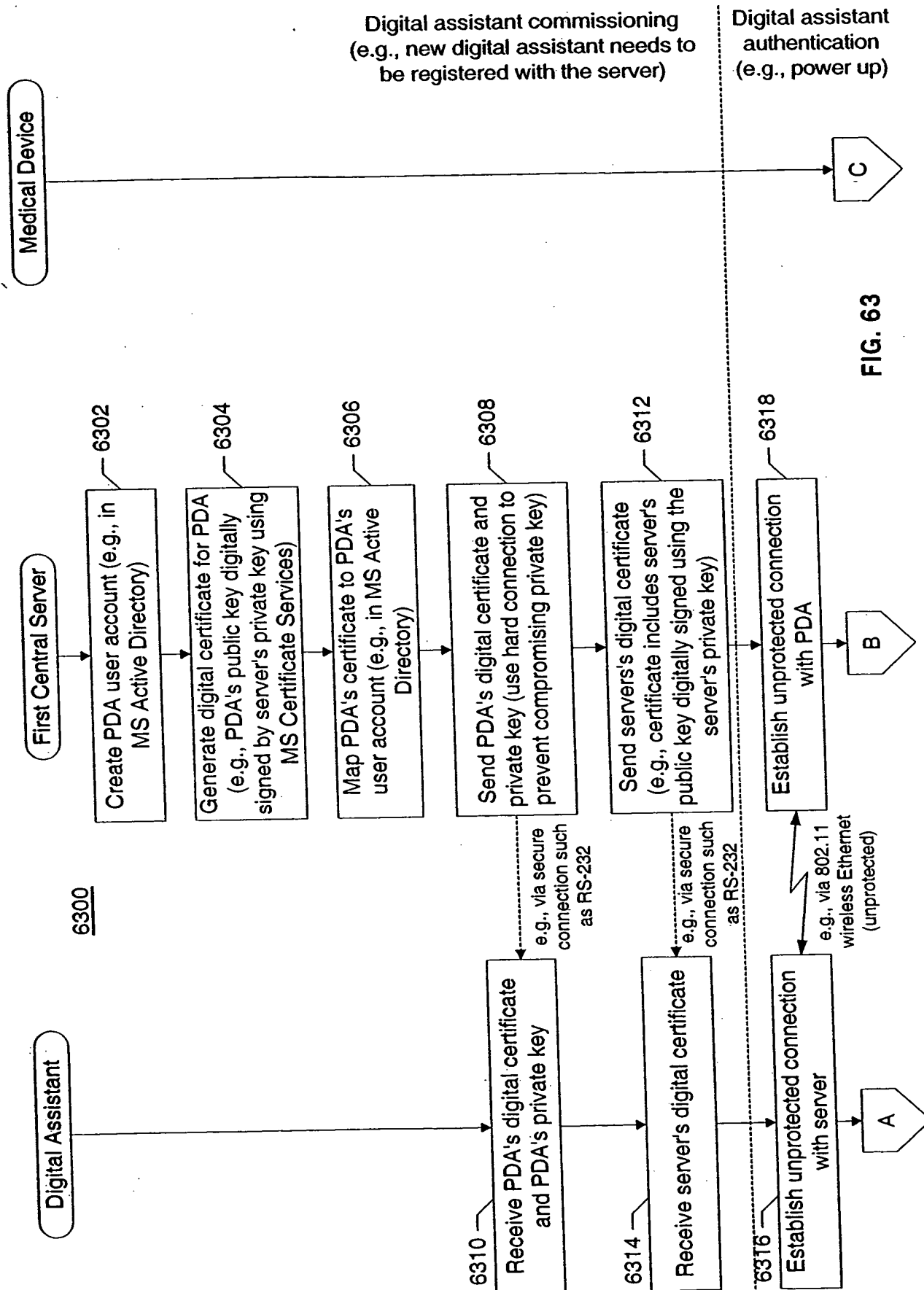


FIG. 63

Digital assistant
 authentication
 (e.g., power up)

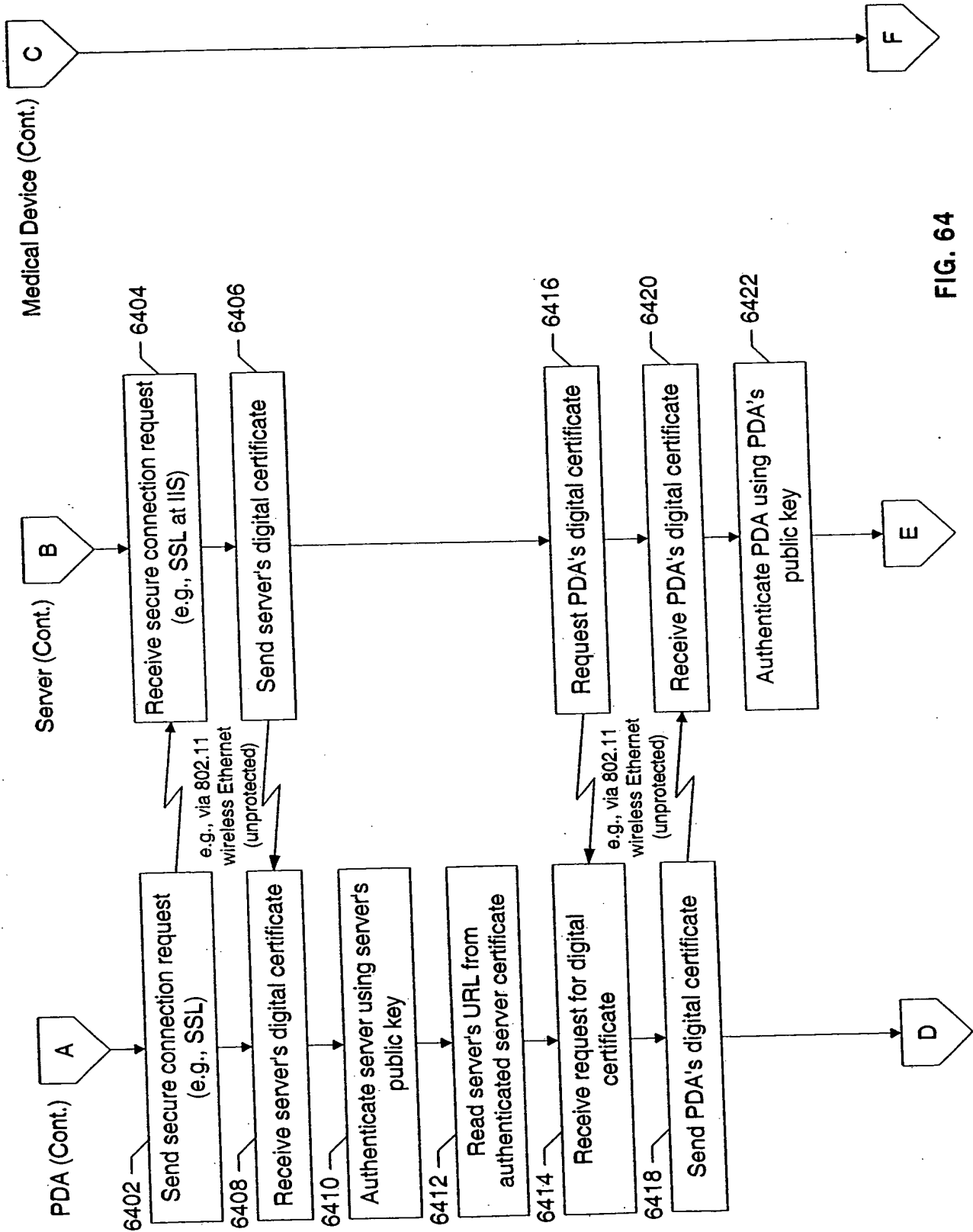


FIG. 64

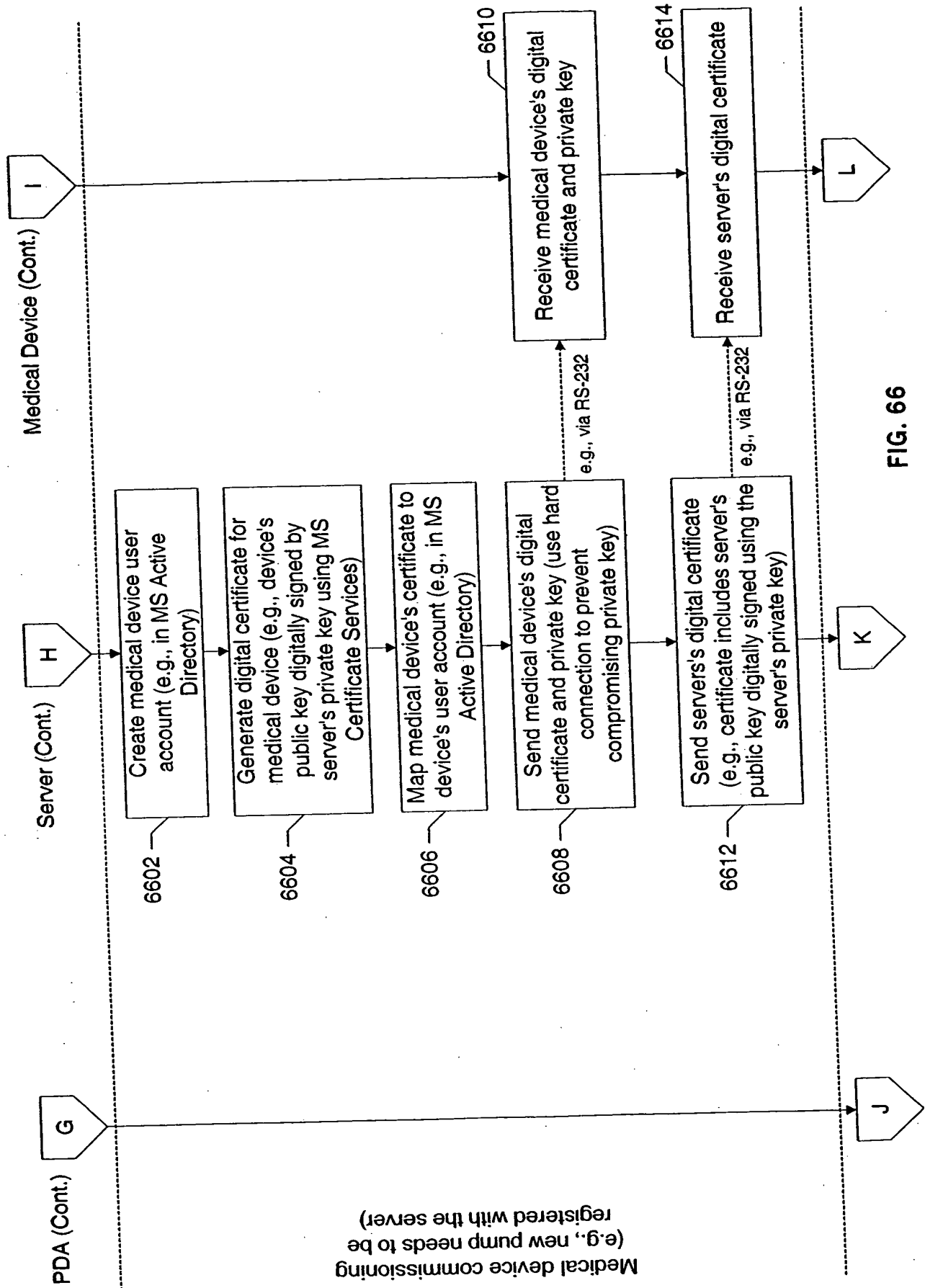


FIG. 66

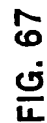


FIG. 67

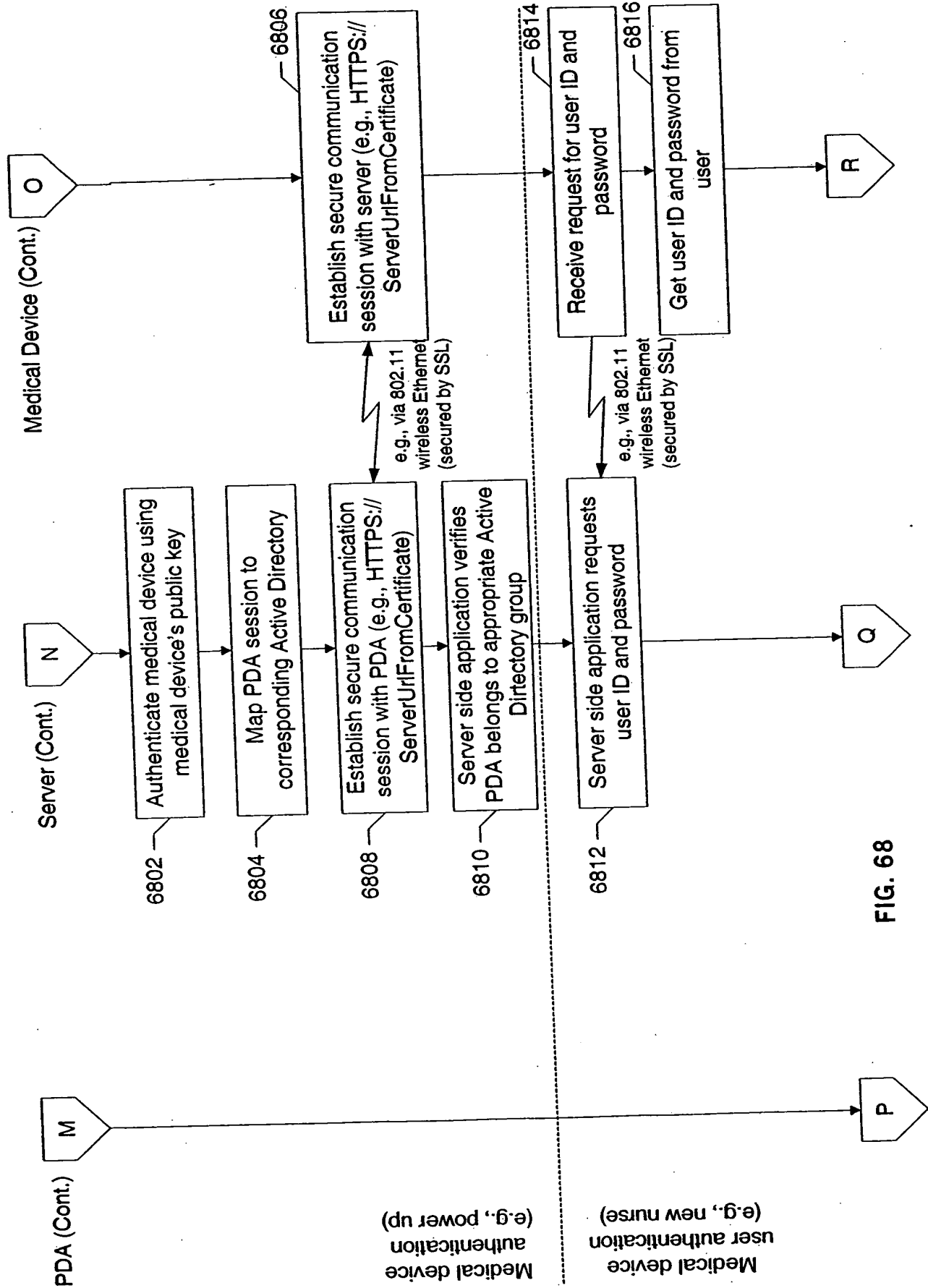


FIG. 68

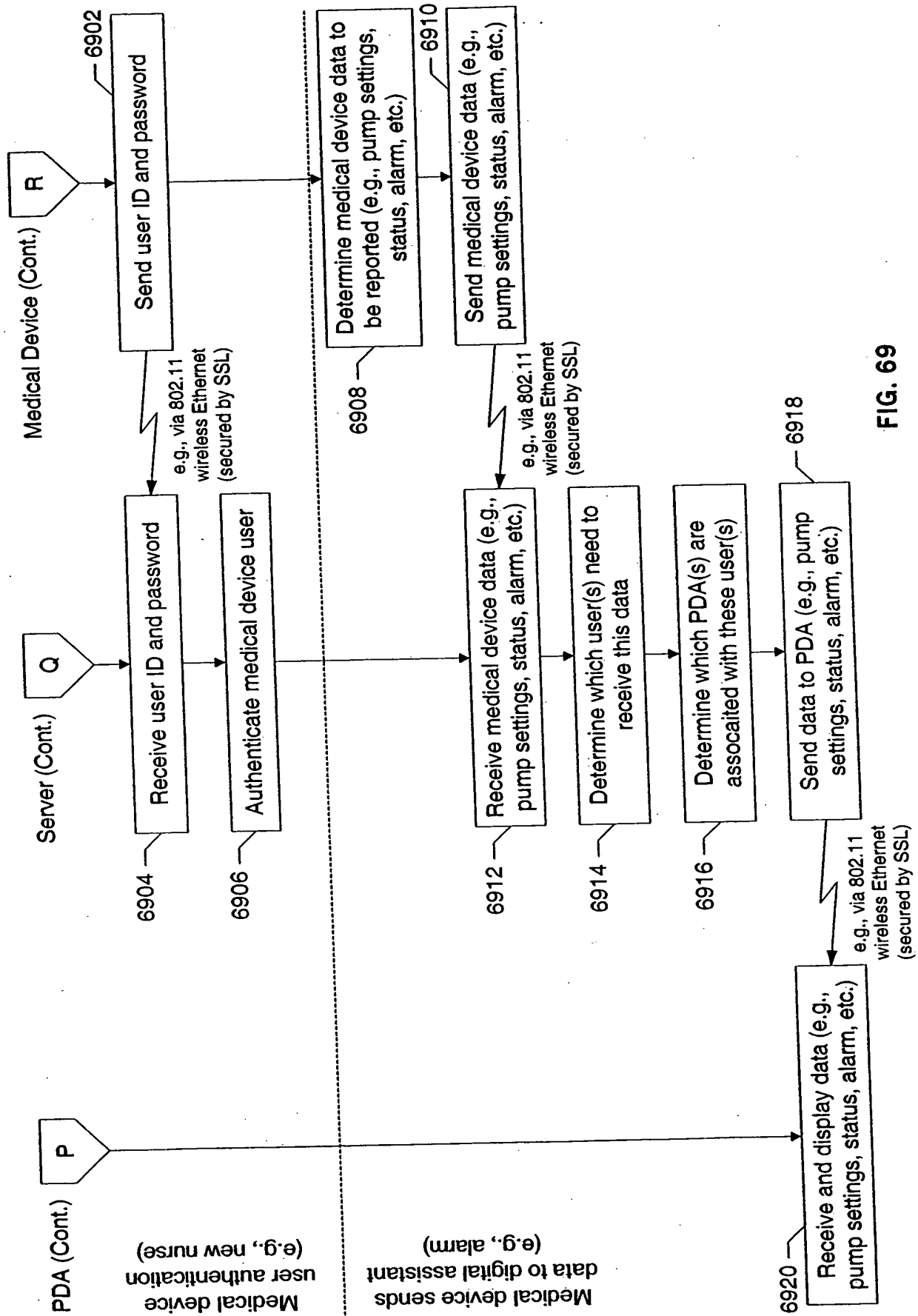


FIG. 69